

UNITED STATES STANDARD.

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HANNA'S  
COMPLETE READY RECKONER  
LOG TABLE,  
AND  
FORM BOOK.

---

THIRD EDITION, REVISED, ENLARGED AND IMPROVED.

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By J. S. HANNA,  
*Lumber Inspector, Lock Haven, Pa.*

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PRICE, 60 CTS.

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## RECOMMENDATIONS.

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*October 26, 1867.*

Having carefully examined John S. Hanna's Ready Reckoner, we most cheerfully recommend it to the public, as the best and most practical work now published. We do not hesitate to say that it should be in the hands of all who may be interested in the lumbering business.

GEORGE S. BANGER, Secretary and Treasurer Susquehanna Boom Co., Williamsport, Pa.

BENJ. W. THOMPSON, Superintendent Dodge's Mills, Williamsport, Pa.

READING, FISHER & Co., lumber-dealers, Williamsport, Pa.

HERDIC & TAYLOR,	"	"	"
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EDER, RUGGLES & Co.,	"	"	"
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JOHN S. FISHER,	"	"	"
-----------------	---	---	---

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G. TINSMAN,	"	"	"
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RUNKLE & HOUSEL,	"	"	"
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POST, SMITH & Co.,	"	"	"
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G. S. POST,	"	"	"
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A. J. CROFT,	"	"	"
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EDGAR MUNSON,	"	"	"
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BOWMAN, PERKS & Co.,	"	"	"
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W. L. HAWKINS,	"	"	"
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Having carefully examined John S. Hanna's Ready Reckoner, we most cheerfully recommend it to the public, as the best and most practical work now published. We do not hesitate to say that it should be in the hands of all who may be interested in the lumbering business.

THOS. YARDLY, Treasurer West Branch Boom, Lock Haven, Pa.

THOS. CHRISTIE, scaler of logs at West Branch Boom, Lock Haven, Pa.

W. A. SIMPSON & Co., lumber-dealers, Lock Haven, Pa.

S. CHRIST & Co.,	“	“	“	“
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PECK & BARNARD,	“	“	“	“
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O. D. SATTERLEE,	“	“	“	“
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W. SHAW,	“	“	“	“
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sawyer and lumber-dealer. “ “

M. TOWNS,	“	“	“	“
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WARREN MARTIN,	“	“	“	“
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E. SATTERLEE,	“	“	“	“
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JOHN C. BROWN,	“	“	“	“
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G. W. FISH,	“	“	“	“
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N. SHAW,	“	“	“	“
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D. BLANCHARD,	“	“	“	“
---------------	---	---	---	---

THIRD EDITION, REVISED, ENLARGED, AND IMPROVED.

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HANNA'S  
COMPLETE READY RECKONER

AND

Log, Table and Form Book:

(U. S. STANDARD.)

— CONSISTING OF A

CORRECT SET OF TABLES

FOR THE

MEASUREMENT OF SQUARE TIMBER, BOARDS,  
PLANK, SCANTLING, ROUND LOGS REDUCED TO INCH-BOARD MEASURE,  
ROUND LOGS SCALED BY THE INCH, ROUND TIMBER BY THE TWO-THIRD RULE,  
SQUARE INSCRIBED IN A CIRCLE, AND BY SOLID MEASURE INCLUDING SLAB,  
AND ALSO THE SQUARE WHICH ANY ROUND LOG WILL MAKE WHEN  
HEWN, BY THE AVERAGE GIRTH OR DIAMETER.

TO WHICH IS ADDED

A TABLE OF WAGES, BOARD, RENT OR OTHER EXPENSES PER WEEK OF  
SIX DAYS; ALSO, PER WEEK OF SEVEN DAYS, AND PER MONTH OF TWENTY-SIX DAYS;  
TOGETHER WITH TABLES SHOWING THE NUMBER OF DAYS FROM ANY DATE IN ONE MONTH  
TO THE SAME DATE IN ANY OTHER MONTH; A SHORT AND SIMPLE METHOD OF  
COMPUTING INTEREST; INTEREST TABLES AT SIX PER CENT. AND SEVEN  
PER CENT.; ALSO, VARIOUS BUSINESS FORMS.

---

Price, 60 Cents.

SENT BY MAIL OR EXPRESS, BY THE AUTHOR, FREE OF CHARGE, ON RECEIPT OF PRICE.

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By J. S. HANNA,  
LUMBER INSPECTOR, LOCKHAVEN, PA.

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PHILADELPHIA:  
J. B. LIPPINCOTT COMPANY.  
1891.

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## PREFACE.

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THE Author, in presenting this, his *Third Edition* of the Ready Reckoner, Log Table, and Form Book, would call the attention of his former patrons and others to the following Tables:—

Square or Unequal Sided Timber, Cubic Measure; Board or Surface Measure; Plank Measure; Scantling or Sawed Lumber; Round Logs reduced to Inch-Board Measure; Contents, Board-Measure, of a given number of Saw Logs; Round Timber reduced to Cubic Measure by three different Rules; the Square any Round Log will make by the average girth or diameter; Wages, Board, Rent, or other Expenses, per Week of Six Days; also, per Week of Seven Days; Wages or other Expenses, per Month of Twenty-six Days; the Number of Days from any Date in one Month to the same Date in any other Month; Short and Simple Method of Computing Interest; Interest Tables, at Six per Cent.; also, at Seven per Cent., also, various Business Forms.

The calculations of the Tables of the Revised Edition have been carefully and accurately made, and the entire work is so simple, that no person for whose use it is intended, can fail to understand it at a glance.

To persons not adepts in figures, these Tables will be found invaluable, and even to those who are rapid and accurate in calculation, but who, for want of time, are compelled to hurry over their work, they will furnish a test of the correctness of their calculations.

In offering the Revised Edition, the Author desires to express his acknowledgment to Lumbermen and others, who so liberally and extensively patronized his former edition, and begs to assure them that the present volume will be found in all respects complete for the purpose for which it is designed.

The Author has had considerable practical experience in the measurement and inspection of Lumber. He has made the business a study for years, and feels confident that this work will commend itself to all parties interested in this great commodity of the United States and Canada.

J. S. HANNA.

# TABLE I.

## SQUARE TIMBER, CUBIC MEASURE.

---

### EXPLANATION.

THE length of the stick will be found at the head of table; while the sizes run in columns down the page, with the amounts.

*For Example* :—Should you require the contents of a stick of timber 40 feet in length, 16 by 19 inches; turn to page 39, containing the 40 feet lengths, and follow down the left-hand column until you find 16 by 16 = 71 feet; then run across to the right until you come to 16 by 19, and you will see at a glance that it contains 84 cubic feet; and one of the same length, 12 by 14 inches, contains 46 feet; and in like manner you will find the contents of any sized stick that you may want from 8 to 30 inches square, and from 10 to 80 feet in length.

Should a stick of timber exceed in length the number of feet contained in any of the following tables, its contents will be found by taking twice what is shown for half its length; and for a shorter length than is given, take half of what is shown for twice its length. Thus, should you require the contents of a stick 100 feet in length, take twice what is shown for one 50 feet in length of the same size; and should you require the contents of a stick 8 feet in length, take half what is shown for one 16 feet in length of the same size, and you will get the desired amount. The above rules to be observed in all tables contained in this work.

The measurement is supposed to be made at the middle of the stick, and the fractions of an inch not counted. I have also omitted the fractions in the calculation, as an offset for defects not observable by the inspector.

See pages 9 to 79, inclusive, for Square Timber Table.

## 9

SHOWING THE CUBICAL CONTENTS OF SQUARE TIMBER.

Size.		Amt.	Size.		Amt.	Size.		Amt.	Size.		Amt.	Size.		Amt.
8	8	4	8	9	5	8	10	5	8	11	6	8	12	6
9	9	5	9	10	6	9	11	6	9	12	7	9	13	8
10	10	6	10	11	7	10	12	8	10	13	9	10	14	9
11	11	8	11	12	9	11	13	9	11	14	10	11	15	11
12	12	10	12	13	10	12	14	11	12	15	12	12	16	13
13	13	11	13	14	12	13	15	13	13	16	14	13	17	14
14	14	13	14	15	14	14	16	15	14	17	16	14	18	17
15	15	15	15	16	16	15	17	17	15	18	18	15	19	19
16	16	17	16	17	18	16	18	20	16	19	21	16	20	22
17	17	20	17	18	21	17	19	22	17	20	23	17	21	24
18	18	22	18	19	23	18	20	25	18	21	26	18	22	27
19	19	25	19	20	26	19	21	27	19	22	29	19	23	30
20	20	27	20	21	29	20	22	30	20	23	32	20	24	33
21	21	30	21	22	32	21	23	33	21	24	35	21	25	36
22	22	33	22	23	35	22	24	36	22	25	38	22	26	39
23	23	36	23	24	38	23	25	39	23	26	41	23	27	43
24	24	40	24	25	41	24	26	43	24	27	45	24	28	46
25	25	43	25	26	45	25	27	46	25	28	48	25	29	50
26	26	46	27	27	50	28	28	54	29	29	58	30	30	62

*11 Feet in Length.*

Size.		Amt.	Size.		Amt.	Size.		Amt.	Size.		Amt.	Size.		Amt.
8	8	4	8	9	5	8	10	6	8	11	6	8	12	7
9	9	6	9	10	6	9	11	7	9	12	8	9	13	8
10	10	7	10	11	8	10	12	9	10	13	9	10	14	10
11	11	9	11	12	10	11	13	10	11	14	11	11	15	12
12	12	11	12	13	11	12	14	12	12	15	13	12	16	14
13	13	12	13	14	13	13	15	14	13	16	15	13	17	16
14	14	14	14	15	16	14	16	17	14	17	18	14	18	19
15	15	17	15	16	18	15	17	19	15	18	20	15	19	21
16	16	19	16	17	20	16	18	22	16	19	23	16	20	24
17	17	22	17	18	23	17	19	24	17	20	25	17	21	27
18	18	24	18	19	26	18	20	27	18	21	28	18	22	30
19	19	27	19	20	29	19	21	30	19	22	31	19	23	33
20	20	31	20	21	32	20	22	33	20	23	35	20	24	36
21	21	33	21	22	35	21	23	36	21	24	38	21	25	40
22	22	36	22	23	38	22	24	40	22	25	42	22	26	43
23	23	40	23	24	42	23	25	43	23	26	45	23	27	47
24	24	44	24	25	45	24	26	47	24	27	49	24	28	51
25	25	47	25	26	49	25	27	51	25	28	53	25	29	55
26	26	51	27	27	55	28	28	59	29	29	64	30	30	68

## 11

SHOWING THE CUBICAL CONTENTS OF SQUARE TIMBER.

**12 Feet in Length.**

Size.		Amt.		Size.		Amt.		Size.		Amt.		Size.		Amt.	
8	8	5	8	9	6	8	10	6	8	11	7	8	12	8	
9	9	6	9	10	7	9	11	8	9	12	9	9	13	9	
10	10	8	10	11	9	10	12	10	10	13	10	10	14	11	
11	11	10	11	12	11	11	13	11	11	14	12	11	15	13	
12	12	12	12	13	13	12	14	14	12	15	15	12	16	16	
13	13	14	13	14	15	13	15	16	13	16	17	13	17	18	
14	14	16	14	15	17	14	16	18	14	17	19	14	18	21	
15	15	18	15	16	20	15	17	21	15	18	22	15	19	23	
16	16	21	16	17	22	16	18	24	16	19	25	16	20	26	
17	17	24	17	18	25	17	19	26	17	20	28	17	21	29	
18	18	27	18	19	28	18	20	30	18	21	31	18	22	33	
19	19	30	19	20	31	19	21	33	19	22	34	19	23	36	
20	20	33	20	21	35	20	22	36	20	23	38	20	24	40	
21	21	36	21	22	38	21	23	40	21	24	42	21	25	43	
22	22	40	22	23	42	22	24	44	22	25	45	22	26	47	
23	23	44	23	24	46	23	25	47	23	26	49	23	27	51	
24	24	48	24	25	50	24	26	52	24	27	54	24	28	56	
25	25	52	25	26	54	25	27	56	25	28	58	25	29	60	
26	26	56	27	27	60	28	28	65	29	29	70	30	30	75	

*13 Feet in Length.*

Size.		Amt.	Size.		Amt.	Size.		Amt.	Size.		Amt.	Size.		Amt.	Size.		Amt.	Size.		Amt.
8	8	5	8	9	6	8	10	7	8	11	7	8	12	8						
9	9	7	9	10	8	9	11	8	9	12	9	9	13	10						
10	10	9	10	11	9	10	12	10	10	13	11	10	14	12						
11	11	10	11	12	11	11	13	12	11	14	13	11	15	14						
12	12	13	12	13	14	12	14	15	12	15	16	12	16	17						
13	13	15	13	14	16	13	15	17	13	16	18	13	17	19						
14	14	17	14	15	18	14	16	20	14	17	21	14	18	22						
15	15	20	15	16	21	15	17	23	15	18	24	15	19	25						
16	16	23	16	17	24	16	18	26	16	19	27	16	20	28						
17	17	26	17	18	27	17	19	29	17	20	30	17	21	32						
18	18	29	18	19	30	18	20	32	18	21	34	18	22	35						
19	19	32	19	20	34	19	21	36	19	22	37	19	23	39						
20	20	36	20	21	37	20	22	39	20	23	41	20	24	43						
21	21	39	21	22	41	21	23	43	21	24	45	21	25	47						
22	22	43	22	23	45	22	24	47	22	25	49	22	26	51						
23	23	47	23	24	49	23	25	51	23	26	53	23	27	56						
24	24	52	24	25	54	24	26	56	24	27	58	24	28	60						
25	25	56	25	26	58	25	27	60	25	28	63	25	29	65						
26	26	61	27	27	65	28	28	70	29	29	75	30	30	81						



# READY RECKONER,

13

SHOWING THE CUBICAL CONTENTS OF SQUARE TIMBER.

*14 Feet in Length.*

Size.		Amt.	Size.		Amt.	Size.		Amt.	Size.		Amt.	Size.		Amt.
8	8	6	8	9	7	8	10	7	8	11	8	8	12	9
9	9	7	9	10	8	9	11	9	9	12	10	9	13	11
10	10	9	10	11	10	10	12	11	10	13	12	10	14	13
11	11	11	11	12	12	11	13	13	11	14	14	11	15	16
12	12	14	12	13	15	12	14	16	12	15	17	12	16	18
13	13	16	13	14	17	13	15	18	13	16	20	13	17	21
14	14	19	14	15	20	14	16	21	14	17	23	14	18	24
15	15	21	15	16	23	15	17	24	15	18	26	15	19	27
16	16	24	16	17	26	16	18	28	16	19	29	16	20	31
17	17	28	17	18	29	17	19	31	17	20	33	17	21	34
18	18	31	18	19	33	18	20	35	18	21	36	18	22	33
19	19	35	19	20	36	19	21	38	19	22	40	19	23	42
20	20	38	20	21	40	20	22	42	20	23	44	20	24	46
21	21	42	21	22	44	21	23	46	21	24	49	21	25	51
22	22	47	22	23	49	22	24	51	22	25	53	22	26	55
23	23	51	23	24	53	23	25	55	23	26	58	23	27	60
24	24	56	24	25	58	24	26	60	24	27	63	24	28	65
25	25	60	25	26	63	25	27	65	25	28	68	25	29	70
26	26	65	27	27	70	28	28	76	29	29	81	30	30	87

*15 Feet in Length.*

Size.		Amt.	Size.		Amt.	Size.		Amt.	Size.		Amt.	Size.		Amt.	Size.		Amt.	Size.		Amt.
8	8	6	8	9	7	8	10	8	8	11	9	8	12	10	8	11	9	8	12	10
9	9	8	9	10	9	9	11	10	9	12	11	9	13	12	9	12	11	9	13	12
10	10	10	10	11	11	10	12	12	10	13	13	10	14	14	10	13	13	10	14	14
11	11	12	11	12	13	11	13	14	11	14	16	11	15	17	11	14	16	11	15	17
12	12	15	12	13	16	12	14	17	12	15	18	12	16	20	12	15	18	12	16	20
13	13	17	13	14	18	13	15	20	13	16	21	13	17	23	13	16	21	13	17	23
14	14	20	14	15	21	14	16	23	14	17	24	14	18	26	14	17	24	14	18	26
15	15	23	15	16	25	15	17	26	15	18	28	15	19	29	15	18	28	15	19	29
16	16	26	16	17	28	16	18	30	16	19	31	16	20	33	16	19	31	16	20	33
17	17	30	17	18	31	17	19	33	17	20	35	17	21	37	17	20	35	17	21	37
18	18	33	18	19	35	18	20	37	18	21	39	18	22	41	18	21	39	18	22	41
19	19	37	19	20	39	19	21	41	19	22	43	19	23	45	19	22	43	19	23	45
20	20	41	20	21	43	20	22	45	20	23	47	20	24	50	20	23	47	20	24	50
21	21	45	21	22	48	21	23	50	21	24	52	21	25	54	21	24	52	21	25	54
22	22	50	22	23	52	22	24	55	22	25	57	22	26	59	22	25	57	22	26	59
23	23	55	23	24	57	23	25	59	23	26	62	23	27	64	23	26	62	23	27	64
24	24	60	24	25	62	24	26	65	24	27	67	24	28	70	24	27	67	24	28	70
25	25	65	25	26	67	25	27	70	25	28	72	25	29	75	25	28	72	25	29	75
26	26	70	27	27	75	28	28	81	29	29	87	30	30	93	29	29	87	30	30	93



## 15

SHOWING THE CUBICAL CONTENTS OF SQUARE TIMBER.

**16 Feet in Length.**

Size.		Amt.	Size.		Amt.	Size.		Amt.	Size.		Amt.	Size.		Amt.
8	8	7	8	9	8	8	10	8	8	11	9	8	12	10
9	9	9	9	10	10	9	11	11	9	12	12	9	13	13
10	10	11	10	11	12	10	12	13	10	13	14	10	14	15
11	11	13	11	12	14	11	13	15	11	14	17	11	15	18
12	12	16	12	13	17	12	14	18	12	15	20	12	16	21
13	13	18	13	14	20	13	15	21	13	16	23	13	17	24
14	14	21	14	15	23	14	16	24	14	17	26	14	18	28
15	15	25	15	16	26	15	17	28	15	18	30	15	19	31
16	16	28	16	17	30	16	18	32	16	19	33	16	20	35
17	17	32	17	18	34	17	19	35	17	20	37	17	21	39
18	18	36	18	19	38	18	20	40	18	21	42	18	22	44
19	19	40	19	20	42	19	21	44	19	22	46	19	23	48
20	20	44	20	21	46	20	22	48	20	23	51	20	24	53
21	21	49	21	22	51	21	23	53	21	24	56	21	25	58
22	22	53	22	23	56	22	24	58	22	25	61	22	26	63
23	23	58	23	24	61	23	25	63	23	26	66	23	27	69
24	24	64	24	25	66	24	26	69	24	27	72	24	28	74
25	25	69	25	26	72	25	27	75	25	28	77	25	29	80
26	26	75	27	27	81	28	28	87	29	29	93	30	30	100

*17 Feet in Length.*

Size.		Amt.	Size.		Amt.	Size.		Amt.	Size.		Amt.	Size.		Amt.
8	8	7	8	9	8	8	10	9	8	11	10	8	12	11
9	9	9	9	10	10	9	11	11	9	12	12	9	13	13
10	10	11	10	11	12	10	12	14	10	13	15	10	14	16
11	11	14	11	12	15	11	13	16	11	14	18	11	15	19
12	12	17	12	13	18	12	14	19	12	15	21	12	16	22
13	13	19	13	14	21	13	15	23	13	16	24	13	17	26
14	14	23	14	15	24	14	16	26	14	17	28	14	18	29
15	15	26	15	16	28	15	17	30	15	18	31	15	19	33
16	16	30	16	17	32	16	18	34	16	19	35	16	20	37
17	17	34	17	18	36	17	19	38	17	20	40	17	21	42
18	18	38	18	19	40	18	20	42	18	21	44	18	22	46
19	19	42	19	20	44	19	21	47	19	22	49	19	23	51
20	20	47	20	21	49	20	22	51	20	23	54	20	24	56
21	21	52	21	22	54	21	23	57	21	24	59	21	25	61
22	22	57	22	23	59	22	24	62	22	25	64	22	26	67
23	23	62	23	24	65	23	25	67	23	26	70	23	27	73
24	24	68	24	25	70	24	26	73	24	27	76	24	28	79
25	25	73	25	26	76	25	27	79	25	28	82	25	29	85
26	26	79	27	27	86	28	28	92	29	29	99	30	30	106

# READY RECKONER,

17

SHOWING THE CUBICAL CONTENTS OF SQUARE TIMBER.

## 18 Feet in Length.

Size.		Amt.	Size.		Amt.	Size.		Amt.	Size.		Amt.	Size.		Amt.
8	8	7	8	9	9	8	10	10	8	11	11	8	12	12
9	9	10	9	10	11	9	11	12	9	12	13	9	13	14
10	10	12	10	11	13	10	12	15	10	13	16	10	14	17
11	11	15	11	12	16	11	13	17	11	14	19	11	15	20
12	12	18	12	13	19	12	14	21	12	15	22	12	16	24
13	13	21	13	14	22	13	15	24	13	16	26	13	17	27
14	14	24	14	15	26	14	16	28	14	17	29	14	18	31
15	15	28	15	16	30	15	17	31	15	18	33	15	19	35
16	16	32	16	17	34	16	18	36	16	19	38	16	20	40
17	17	36	17	18	38	17	19	40	17	20	42	17	21	44
18	18	40	18	19	42	18	20	45	18	21	47	18	22	49
19	19	45	19	20	47	19	21	49	19	22	52	19	23	54
20	20	50	20	21	52	20	22	55	20	23	57	20	24	60
21	21	55	21	22	57	21	23	60	21	24	63	21	25	65
22	22	60	22	23	63	22	24	66	22	25	68	22	26	71
23	23	66	23	24	69	23	25	71	23	26	74	23	27	77
24	24	72	24	25	75	24	26	78	24	27	81	24	28	84
25	25	78	25	26	81	25	27	84	25	28	87	25	29	90
26	26	84	27	27	91	28	28	98	29	29	105	30	30	112

*19 Feet in Length.*

Size.		Amt.	Size.		Amt.	Size.		Amt.	Size.		Amt.	Size.		Amt.
8	8	8	8	9	9	8	10	10	8	11	11	8	12	12
9	9	10	9	10	11	9	11	13	9	12	14	9	13	15
10	10	13	10	11	14	10	12	15	10	13	17	10	14	18
11	11	15	11	12	17	11	13	18	11	14	20	11	15	21
12	12	19	12	13	20	12	14	22	12	15	23	12	16	25
13	13	22	13	14	24	13	15	25	13	16	27	13	17	29
14	14	25	14	15	27	14	16	29	14	17	31	14	18	33
15	15	29	15	16	31	15	17	33	15	18	35	15	19	37
16	16	33	16	17	35	16	18	38	16	19	40	16	20	42
17	17	38	17	18	40	17	19	42	17	20	44	17	21	47
18	18	42	18	19	45	18	20	47	18	21	49	18	22	52
19	19	47	19	20	50	19	21	52	19	22	55	19	23	57
20	20	52	20	21	55	20	22	58	20	23	60	20	24	63
21	21	58	21	22	60	21	23	63	21	24	66	21	25	69
22	22	63	22	23	66	22	24	69	22	25	72	22	26	75
23	23	69	23	24	72	23	25	75	23	26	78	23	27	81
24	24	76	24	25	79	24	26	82	24	27	85	24	28	88
25	25	82	25	26	85	25	27	89	25	28	92	25	29	95
26	26	89	27	27	96	28	28	103	29	29	110	30	30	118

## 19

*20 Feet in Length.*

Size.		Amt.		Size.		Amt.		Size.		Amt.		Size.		Amt.	
8	8	8	8	9	10	8	10	11	8	11	12	8	12	13	
9	9	11	9	10	12	9	11	13	9	12	15	9	13	16	
10	10	13	10	11	15	10	12	16	10	13	18	10	14	19	
11	11	16	11	12	18	11	13	19	11	14	21	11	15	22	
12	12	20	12	13	21	12	14	23	12	15	25	12	16	26	
13	13	23	13	14	25	13	15	27	13	16	28	13	17	30	
14	14	27	14	15	29	14	16	31	14	17	33	14	18	35	
15	15	31	15	16	33	15	17	35	15	18	37	15	19	39	
16	16	35	16	17	37	16	18	40	16	19	42	16	20	44	
17	17	40	17	18	42	17	19	44	17	20	47	17	21	49	
18	18	45	18	19	47	18	20	50	18	21	52	18	22	55	
19	19	50	19	20	52	19	21	55	19	22	58	19	23	60	
20	20	55	20	21	58	20	22	61	20	23	63	20	24	66	
21	21	61	21	22	64	21	23	67	21	24	70	21	25	72	
22	22	67	22	23	70	22	24	73	22	25	76	22	26	79	
23	23	73	23	24	76	23	25	79	23	26	83	23	27	86	
24	24	80	24	25	83	24	26	86	24	27	90	24	28	93	
25	25	86	25	26	90	25	27	93	25	28	97	25	29	100	
26	26	93	26	27	101	26	28	108	26	29	116	26	30	125	

20                      **READY RECKONER,**  
 SHOWING THE CUBICAL CONTENTS OF SQUARE TIMBER.

*21 Feet in Length.*

Size.		Amt.	Size.		Amt.	Size.		Amt.	Size.		Amt.	Size.		Amt.	Size.		Amt.	Size.		Amt.
8	8	9	8	9	10	8	10	11	8	11	12	8	12	14						
9	9	11	9	10	13	9	11	14	9	12	15	9	13	17						
10	10	14	10	11	16	10	12	17	10	13	18	10	14	20						
11	11	17	11	12	19	11	13	20	11	14	22	11	15	24						
12	12	21	12	13	22	12	14	24	12	15	26	12	16	28						
13	13	24	13	14	26	13	15	28	13	16	30	13	17	32						
14	14	28	14	15	30	14	16	32	14	17	34	14	18	36						
15	15	32	15	16	35	15	17	37	15	18	39	15	19	41						
16	16	37	16	17	39	16	18	42	16	19	44	16	20	46						
17	17	42	17	18	44	17	19	47	17	20	49	17	21	52						
18	18	47	18	19	49	18	20	52	18	21	55	18	22	57						
19	19	52	19	20	55	19	21	58	19	22	60	19	23	63						
20	20	58	20	21	61	20	22	64	20	23	67	20	24	70						
21	21	64	21	22	67	21	23	70	21	24	73	21	25	76						
22	22	70	22	23	73	22	24	77	22	25	80	22	26	83						
23	23	77	23	24	80	23	25	83	23	26	87	23	27	90						
24	24	84	24	25	87	24	26	91	24	27	94	24	28	98						
25	25	91	25	26	94	25	27	98	25	28	102	25	29	105						
26	26	98	27	27	106	28	28	114	29	29	122	30	30	131						



## 21

SHOWING THE CUBICAL CONTENTS OF SQUARE TIMBER.

Size.		Amt.		Size.		Amt.		Size.		Amt.		Size.		Amt.	
8	8	9	8	9	11	8	10	12	8	11	13	8	12	14	
9	9	12	9	10	13	9	11	15	9	12	16	9	13	17	
10	10	15	10	11	16	10	12	18	10	13	19	10	14	21	
11	11	18	11	12	20	11	13	21	11	14	23	11	15	25	
12	12	22	12	13	23	12	14	25	12	15	27	12	16	29	
13	13	25	13	14	27	13	15	29	13	16	31	13	17	33	
14	14	29	14	15	32	14	16	34	14	17	36	14	18	38	
15	15	34	15	16	36	15	17	38	15	18	41	15	19	43	
16	16	39	16	17	41	16	18	44	16	19	46	16	20	48	
17	17	44	17	18	46	17	19	49	17	20	51	17	21	54	
18	18	49	18	19	52	18	20	55	18	21	57	18	22	60	
19	19	55	19	20	58	19	21	60	19	22	63	19	23	66	
20	20	61	20	21	64	20	22	67	20	23	70	20	24	73	
21	21	67	21	22	70	21	23	73	21	24	77	21	25	80	
22	22	73	22	23	77	22	24	80	22	25	84	22	26	87	
23	23	80	23	24	84	23	25	87	23	26	91	23	27	94	
24	24	88	24	25	91	24	26	95	24	27	99	24	28	102	
25	25	95	25	26	99	25	27	103	25	28	106	25	29	110	
26	26	103	27	27	111	28	28	119	29	29	128	30	30	137	

*23 Feet in Length.*

Size.		Amt.	Size.		Amt.	Size.		Amt.	Size.		Amt.	Size.		Amt.
8	8	10	8	9	11	8	10	12	8	11	14	8	12	15
9	9	12	9	10	14	9	11	15	9	12	17	9	13	18
10	10	15	10	11	17	10	12	19	10	13	20	10	14	22
11	11	19	11	12	21	11	13	22	11	14	24	11	15	26
12	12	23	12	13	24	12	14	26	12	15	28	12	16	30
13	13	26	13	14	29	13	15	31	13	16	33	13	17	35
14	14	31	14	15	33	14	16	35	14	17	38	14	18	40
15	15	35	15	16	38	15	17	40	15	18	43	15	19	45
16	16	40	16	17	43	16	18	46	16	19	48	16	20	51
17	17	46	17	18	48	17	19	51	17	20	54	17	21	57
18	18	51	18	19	54	18	20	57	18	21	60	18	22	63
19	19	57	19	20	60	19	21	63	19	22	66	19	23	69
20	20	63	20	21	67	20	22	70	20	23	73	20	24	76
21	21	70	21	22	73	21	23	77	21	24	80	21	25	83
22	22	77	22	23	80	22	24	84	22	25	87	22	26	91
23	23	84	23	24	88	23	25	91	23	26	95	23	27	99
24	24	92	24	25	95	24	26	99	24	27	103	24	28	107
25	25	99	25	26	103	25	27	107	25	28	111	25	29	115
26	26	107	27	27	116	28	28	125	29	29	134	30	30	143



## 23

*24 Feet in Length.*

Size.		Amt.	Size.		Amt.	Size.		Amt.	Size.		Amt.	Size.		Amt.
8	8	10	8	9	12	8	10	13	8	11	14	8	12	16
9	9	13	9	10	15	9	11	16	9	12	18	9	13	19
10	10	16	10	11	18	10	12	20	10	13	21	10	14	23
11	11	20	11	12	22	11	13	23	11	14	25	11	15	27
12	12	24	12	13	26	12	14	28	12	15	30	12	16	32
13	13	28	13	14	30	13	15	32	13	16	34	13	17	36
14	14	32	14	15	35	14	16	37	14	17	39	14	18	42
15	15	37	15	16	40	15	17	42	15	18	45	15	19	47
16	16	42	16	17	45	16	18	48	16	19	50	16	20	53
17	17	48	17	18	51	17	19	53	17	20	56	17	21	59
18	18	54	18	19	57	18	20	60	18	21	63	18	22	66
19	19	60	19	20	63	19	21	66	19	22	69	19	23	72
20	20	66	20	21	70	20	22	73	20	23	76	20	24	80
21	21	73	21	22	77	21	23	80	21	24	84	21	25	87
22	22	80	22	23	84	22	24	88	22	25	91	22	26	95
23	23	88	23	24	92	23	25	95	23	26	99	23	27	103
24	24	96	24	25	100	24	26	104	24	27	108	24	28	112
25	25	104	25	26	108	25	27	112	25	28	116	25	29	120
26	26	112	27	27	121	28	28	130	29	29	140	30	30	150

*25 Feet in Length.*

Size.		Amt.	Size.		Amt.	Size.		Amt.	Size.		Amt.	Size.		Amt.	Size.		Amt.	Size.		Amt.	Size.		Amt.
8	8	11	8	9	12	8	10	13	8	11	15	8	12	16	8	13	17	8	14	18	8	15	19
9	9	13	9	10	15	9	11	17	9	12	18	9	13	20	9	14	21	9	15	22	9	16	23
10	10	17	10	11	18	10	12	20	10	13	22	10	14	24	10	15	25	10	16	26	10	17	27
11	11	20	11	12	22	11	13	24	11	14	26	11	15	28	11	16	29	11	17	30	11	18	31
12	12	25	12	13	27	12	14	29	12	15	31	12	16	33	12	17	34	12	18	35	12	19	36
13	13	29	13	14	31	13	15	33	13	16	36	13	17	38	13	18	39	13	19	40	13	20	41
14	14	34	14	15	36	14	16	38	14	17	41	14	18	43	14	19	44	14	20	45	14	21	46
15	15	39	15	16	41	15	17	44	15	18	46	15	19	49	15	20	50	15	21	51	15	22	52
16	16	44	16	17	47	16	18	50	16	19	52	16	20	55	16	21	56	16	22	57	16	23	58
17	17	50	17	18	53	17	19	56	17	20	59	17	21	61	17	22	62	17	23	63	17	24	64
18	18	56	18	19	59	18	20	62	18	21	65	18	22	68	18	23	69	18	24	70	18	25	71
19	19	62	19	20	65	19	21	69	19	22	72	19	23	75	19	24	76	19	25	77	19	26	78
20	20	69	20	21	72	20	22	76	20	23	79	20	24	83	20	25	84	20	26	85	20	27	86
21	21	76	21	22	80	21	23	83	21	24	87	21	25	91	21	26	92	21	27	93	21	28	94
22	22	84	22	23	87	22	24	91	22	25	95	22	26	99	22	27	100	22	28	101	22	29	102
23	23	91	23	24	95	23	25	99	23	26	103	23	27	107	23	28	108	23	29	109	23	30	110
24	24	100	24	25	104	24	26	108	24	27	112	24	28	116	24	29	117	24	30	118	24	31	119
25	25	108	25	26	112	25	27	117	25	28	121	25	29	125	25	30	126	25	31	127	25	32	128
26	26	117	26	27	126	26	28	136	26	29	146	26	30	156	26	31	157	26	32	158	26	33	159

# READY RECKONER,

25

SHOWING THE CUBICAL CONTENTS OF SQUARE TIMBER.

*26 Feet in Length.*

Size.		Amt.	Size.		Amt.	Size.		Amt.	Size.		Amt.	Size.		Amt.
8	8	11	8	9	13	8	10	14	8	11	15	8	12	17
9	9	14	9	10	16	9	11	17	9	12	19	9	13	21
10	10	18	10	11	19	10	12	21	10	13	23	10	14	25
11	11	21	11	12	23	11	13	25	11	14	27	11	15	29
12	12	26	12	13	28	12	14	30	12	15	32	12	16	34
13	13	30	13	14	32	13	15	35	13	16	37	13	17	39
14	14	35	14	15	37	14	16	40	14	17	42	14	18	45
15	15	40	15	16	43	15	17	46	15	18	48	15	19	51
16	16	46	16	17	49	16	18	52	16	19	54	16	20	57
17	17	52	17	18	55	17	19	57	17	20	61	17	21	64
18	18	58	18	19	61	18	20	65	18	21	68	18	22	71
19	19	65	19	20	68	19	21	72	19	22	75	19	23	78
20	20	72	20	21	75	20	22	79	20	23	83	20	24	86
21	21	79	21	22	83	21	23	87	21	24	91	21	25	94
22	22	87	22	23	91	22	24	95	22	25	99	22	26	103
23	23	95	23	24	99	23	25	103	23	26	107	23	27	112
24	24	104	24	25	108	24	26	112	24	27	117	24	28	121
25	25	112	25	26	117	25	27	121	25	28	126	25	29	130
26	26	122	27	27	131	28	28	141	29	29	151	30	30	162

*27 Feet in Length.*

Size.		Amt.	Size.		Amt.	Size.		Amt.	Size.		Amt.	Size.		Amt.
8	8	12	8	9	13	8	10	15	8	11	16	8	12	18
9	9	15	9	10	16	9	11	18	9	12	20	9	13	21
10	10	18	10	11	20	10	12	22	10	13	24	10	14	26
11	11	22	11	12	24	11	13	26	11	14	28	11	15	30
12	12	27	12	13	29	12	14	31	12	15	33	12	16	36
13	13	31	13	14	34	13	15	36	13	16	39	13	17	41
14	14	36	14	15	39	14	16	42	14	17	44	14	18	47
15	15	42	15	16	45	15	17	47	15	18	50	15	19	53
16	16	48	16	17	51	16	18	54	16	19	57	16	20	60
17	17	54	17	18	57	17	19	60	17	20	63	17	21	66
18	18	60	18	19	64	18	20	67	18	21	70	18	22	74
19	19	67	19	20	71	19	21	74	19	22	78	19	23	81
20	20	75	20	21	78	20	22	82	20	23	86	20	24	90
21	21	82	21	22	86	21	23	90	21	24	94	21	25	98
22	22	90	22	23	94	22	24	99	22	25	103	22	26	107
23	23	99	23	24	103	23	25	107	23	26	112	23	27	116
24	24	108	24	25	112	24	26	117	24	27	121	24	28	126
25	25	117	25	26	121	25	27	126	25	28	131	25	29	136
26	26	126	27	27	136	28	28	147	29	29	157	30	30	168

# READY RECKONER,

27

SHOWING THE CUBICAL CONTENTS OF SQUARE TIMBER.

*28 Feet in Length.*

Size.		Amt.	Size.		Amt.	Size.		Amt.	Size.		Amt.	Size.		Amt.	Size.		Amt.	Size.		Amt.
8	8	12	8	9	14	8	10	15	8	11	17	8	12	18						
9	9	15	9	10	17	9	11	19	9	12	21	9	13	22						
10	10	19	10	11	21	10	12	23	10	13	25	10	14	27						
11	11	23	11	12	25	11	13	27	11	14	29	11	15	32						
12	12	28	12	13	30	12	14	32	12	15	35	12	16	37						
13	13	32	13	14	35	13	15	37	13	16	40	13	17	42						
14	14	38	14	15	40	14	16	43	14	17	46	14	18	49						
15	15	43	15	16	46	15	17	49	15	18	52	15	19	55						
16	16	49	16	17	52	16	18	56	16	19	59	16	20	62						
17	17	56	17	18	59	17	19	62	17	20	66	17	21	69						
18	18	63	18	19	66	18	20	70	18	21	73	18	22	77						
19	19	70	19	20	73	19	21	77	19	22	81	19	23	84						
20	20	77	20	21	81	20	22	85	20	23	89	20	24	93						
21	21	85	21	22	89	21	23	93	21	24	98	21	25	102						
22	22	94	22	23	98	22	24	102	22	25	106	22	26	111						
23	23	102	23	24	107	23	25	111	23	26	116	23	27	120						
24	24	112	24	25	116	24	26	121	24	27	126	24	28	130						
25	25	121	25	26	126	25	27	131	25	28	136	25	29	140						
26	26	131	27	27	141	28	28	152	29	29	163	30	30	175						





# READY RECKONER,

29

SHOWING THE CUBICAL CONTENTS OF SQUARE TIMBER.

*30 Feet in Length.*

Size.			Amt.			Size.			Amt.			Size.			Amt.			Size.			Amt.		
8	8	13	8	9	15	8	10	16	8	11	18	8	12	20	8	13	24	8	14	29	8	15	34
9	9	16	9	10	18	9	11	20	9	12	22	9	13	24	9	14	29	9	15	34	9	16	40
10	10	20	10	11	22	10	12	25	10	13	27	10	14	29	10	15	34	10	16	40	10	17	46
11	11	25	11	12	27	11	13	29	11	14	32	11	15	34	11	16	40	11	17	46	11	18	52
12	12	30	12	13	32	12	14	35	12	15	37	12	16	40	12	17	46	12	18	52	12	19	59
13	13	35	13	14	37	13	15	40	13	16	43	13	17	46	13	18	52	13	19	59	13	20	66
14	14	40	14	15	43	14	16	46	14	17	49	14	18	52	14	19	59	14	20	66	14	21	74
15	15	46	15	16	50	15	17	53	15	18	56	15	19	59	15	20	66	15	21	74	15	22	82
16	16	53	16	17	56	16	18	60	16	19	63	16	20	66	16	21	74	16	22	82	16	23	91
17	17	60	17	18	63	17	19	67	17	20	70	17	21	74	17	22	82	17	23	91	17	24	100
18	18	67	18	19	71	18	20	75	18	21	78	18	22	82	18	23	91	18	24	100	18	25	109
19	19	75	19	20	79	19	21	83	19	22	87	19	23	91	19	24	100	19	25	109	19	26	119
20	20	83	20	21	87	20	22	91	20	23	95	20	24	100	20	25	109	20	26	119	20	27	129
21	21	91	21	22	96	21	23	100	21	24	105	21	25	109	21	26	119	21	27	129	21	28	140
22	22	100	22	23	105	22	24	110	22	25	114	22	26	119	22	27	129	22	28	140	22	29	151
23	23	110	23	24	115	23	25	119	23	26	124	23	27	129	23	28	140	23	29	151	23	30	163
24	24	120	24	25	125	24	26	130	24	27	135	24	28	140	24	29	151	24	30	163	24	31	175
25	25	130	25	26	135	25	27	140	25	28	145	25	29	151	25	30	163	25	31	175	25	32	187
26	26	140	26	27	145	26	28	150	26	29	155	26	30	163	26	31	175	26	32	187	26	33	200

*31 Feet in Length.*

Size.		Amt.	Size.		Amt.	Size.		Amt.	Size.		Amt.	Size.		Amt.	Size.		Amt.	Size.		Amt.
8	8	13	8	9	15	8	10	17	8	11	18	8	12	20	8	13	21	8	14	23
9	9	17	9	10	19	9	11	21	9	12	23	9	13	25	9	14	27	9	15	28
10	10	21	10	11	23	10	12	25	10	13	27	10	14	30	10	15	31	10	16	33
11	11	26	11	12	28	11	13	30	11	14	33	11	15	35	11	16	36	11	17	38
12	12	31	12	13	33	12	14	36	12	15	38	12	16	41	12	17	42	12	18	44
13	13	36	13	14	39	13	15	41	13	16	44	13	17	47	13	18	48	13	19	51
14	14	42	14	15	45	14	16	48	14	17	51	14	18	54	14	19	55	14	20	58
15	15	48	15	16	51	15	17	54	15	18	58	15	19	61	15	20	62	15	21	65
16	16	55	16	17	58	16	18	62	16	19	65	16	20	68	16	21	69	16	22	73
17	17	62	17	18	65	17	19	69	17	20	73	17	21	76	17	22	77	17	23	81
18	18	69	18	19	73	18	20	77	18	21	81	18	22	85	18	23	85	18	24	89
19	19	77	19	20	81	19	21	85	19	22	89	19	23	94	19	24	94	19	25	99
20	20	86	20	21	90	20	22	94	20	23	99	20	24	103	20	25	103	20	26	108
21	21	94	21	22	99	21	23	103	21	24	108	21	25	113	21	26	113	21	27	118
22	22	104	22	23	108	22	24	113	22	25	118	22	26	123	22	27	123	22	28	128
23	23	113	23	24	118	23	25	123	23	26	128	23	27	133	23	28	133	23	29	139
24	24	124	24	25	129	24	26	134	24	27	139	24	28	144	24	29	144	24	30	150
25	25	134	25	26	139	25	27	145	25	28	150	25	29	159	25	30	159	25	31	168
26	26	145	26	27	156	26	28	168	26	29	181	26	30	193	26	31	193	26	32	203



## 31

SHOWING THE CUBICAL CONTENTS OF SQUARE TIMBER.

*32 Feet in Length.*

Size.		Amt.	Size.		Amt.	Size.		Amt.	Size.		Amt.	Size.		Amt.
8	8	14	8	9	15	8	10	17	8	11	19	8	12	21
9	9	18	9	10	20	9	11	22	9	12	24	9	13	26
10	10	22	10	11	24	10	12	26	10	13	28	10	14	31
11	11	26	11	12	29	11	13	31	11	14	34	11	15	36
12	12	32	12	13	34	12	14	37	12	15	40	12	16	42
13	13	37	13	14	40	13	15	43	13	16	46	13	17	49
14	14	43	14	15	46	14	16	49	14	17	52	14	18	56
15	15	50	15	16	53	15	17	56	15	18	60	15	19	63
16	16	56	16	17	60	16	18	64	16	19	67	16	20	71
17	17	64	17	18	68	17	19	71	17	20	75	17	21	79
18	18	72	18	19	76	18	20	80	18	21	84	18	22	88
19	19	80	19	20	84	19	21	88	19	22	92	19	23	97
20	20	88	20	21	93	20	22	97	20	23	102	20	24	106
21	21	98	21	22	102	21	23	107	21	24	112	21	25	116
22	22	107	22	23	112	22	24	117	22	25	122	22	26	127
23	23	117	23	24	122	23	25	127	23	26	132	23	27	138
24	24	128	24	25	133	24	26	138	24	27	144	24	28	149
25	25	138	25	26	144	25	27	150	25	28	155	25	29	161
26	26	150	27	27	162	28	28	174	29	29	186	30	30	200

*33 Feet in Length.*

Size.		Amt.	Size.		Amt.	Size.		Amt.	Size.		Amt.	Size.		Amt.
8	8	14	8	9	16	8	10	18	8	11	20	8	12	22
9	9	18	9	10	20	9	11	22	9	12	24	9	13	26
10	10	22	10	11	25	10	12	27	10	13	29	10	14	32
11	11	27	11	12	30	11	13	32	11	14	35	11	15	37
12	12	33	12	13	35	12	14	38	12	15	41	12	16	44
13	13	38	13	14	41	13	15	44	13	16	47	13	17	50
14	14	44	14	15	48	14	16	51	14	17	54	14	18	57
15	15	51	15	16	55	15	17	58	15	18	61	15	19	65
16	16	58	16	17	62	16	18	66	16	19	69	16	20	73
17	17	66	17	18	70	17	19	74	17	20	77	17	21	81
18	18	74	18	19	78	18	20	82	18	21	86	18	22	90
19	19	82	19	20	87	19	21	91	19	22	95	19	23	100
20	20	91	20	21	96	20	22	100	20	23	105	20	24	110
21	21	101	21	22	105	21	23	110	21	24	115	21	25	120
22	22	110	22	23	115	22	24	121	22	25	126	22	26	131
23	23	121	23	24	126	23	25	131	23	26	137	23	27	142
24	24	132	24	25	137	24	26	143	24	27	148	24	28	154
25	25	143	25	26	148	25	27	154	25	28	160	25	29	166
26	26	154	27	27	167	28	28	179	29	29	192	30	30	206

### 34 Feet in Length.

Size.		Amt.	Size.		Amt.	Size.		Amt.	Size.		Amt.	Size.		Amt.
8	8	15	8	9	17	8	10	18	8	11	20	8	12	22
9	9	19	9	10	21	9	11	23	9	12	25	9	13	27
10	10	23	10	11	25	10	12	28	10	13	30	10	14	33
11	11	28	11	12	31	11	13	33	11	14	36	11	15	38
12	12	34	12	13	36	12	14	39	12	15	42	12	16	45
13	13	39	13	14	42	13	15	46	13	16	49	13	17	52
14	14	46	14	15	49	14	16	52	14	17	56	14	18	59
15	15	53	15	16	56	15	17	60	15	18	63	15	19	67
16	16	60	16	17	64	16	18	68	16	19	71	16	20	75
17	17	68	17	18	72	17	19	76	17	20	80	17	21	84
18	18	76	18	19	80	18	20	85	18	21	89	18	22	93
19	19	85	19	20	89	19	21	94	19	22	98	19	23	103
20	20	94	20	21	99	20	22	103	20	23	108	20	24	113
21	21	104	21	22	109	21	23	114	21	24	119	21	25	123
22	22	114	22	23	119	22	24	124	22	25	129	22	26	135
23	23	124	23	24	130	23	25	135	23	26	141	23	27	146
24	24	136	24	25	141	24	26	147	24	27	153	24	28	158
25	25	147	25	26	153	25	27	159	25	28	165	25	29	171
26	26	159	27	27	172	28	28	185	29	29	198	30	30	212

*35 Feet in Length.*

Size.		Amt.	Size.		Amt.	Size.		Amt.	Size.		Amt.	Size.		Amt.	Size.		Amt.	Size.		Amt.
8	8	15	8	9	17	8	10	19	8	11	21	8	12	23	8	13	25	8	14	27
9	9	19	9	10	21	9	11	24	9	12	26	9	13	28	9	14	30	9	15	32
10	10	24	10	11	26	10	12	29	10	13	31	10	14	34	10	15	36	10	16	38
11	11	29	11	12	32	11	13	34	11	14	37	11	15	40	11	16	42	11	17	44
12	12	35	12	13	37	12	14	40	12	15	43	12	16	46	12	17	48	12	18	50
13	13	41	13	14	44	13	15	47	13	16	50	13	17	53	13	18	55	13	19	57
14	14	47	14	15	51	14	16	54	14	17	58	14	18	61	14	19	63	14	20	65
15	15	54	15	16	58	15	17	61	15	18	65	15	19	69	15	20	72	15	21	75
16	16	62	16	17	66	16	18	70	16	19	73	16	20	77	16	21	80	16	22	83
17	17	70	17	18	74	17	19	78	17	20	82	17	21	86	17	22	89	17	23	92
18	18	78	18	19	83	18	20	87	18	21	91	18	22	96	18	23	99	18	24	102
19	19	87	19	20	92	19	21	96	19	22	101	19	23	106	19	24	109	19	25	112
20	20	97	20	21	102	20	22	106	20	23	111	20	24	116	20	25	119	20	26	122
21	21	107	21	22	112	21	23	117	21	24	122	21	25	127	21	26	130	21	27	133
22	22	117	22	23	122	22	24	128	22	25	133	22	26	139	22	27	142	22	28	145
23	23	128	23	24	134	23	25	139	23	26	145	23	27	150	23	28	153	23	29	156
24	24	140	24	25	145	24	26	151	24	27	157	24	28	163	24	29	166	24	30	169
25	25	151	25	26	157	25	27	164	25	28	170	25	29	176	25	30	179	25	31	182
26	26	164	26	27	177	26	28	190	26	29	204	26	30	218	26	31	221	26	32	224

# READY RECKONER,

35

SHOWING THE CUBICAL CONTENTS OF SQUARE TIMBER.

## 36 Feet in Length.

Size.	Amt.	Size.	Amt.	Size.	Amt.	Size.	Amt.	Size.	Amt.
8 8	16	8 9	18	8 10	20	8 11	22	8 12	24
9 9	20	9 10	22	9 11	24	9 12	27	9 13	29
10 10	25	10 11	27	10 12	30	10 13	32	10 14	35
11 11	30	11 12	33	11 13	35	11 14	38	11 15	41
12 12	36	12 13	39	12 14	42	12 15	45	12 16	48
13 13	42	13 14	45	13 15	48	13 16	52	13 17	55
14 14	49	14 15	52	14 16	56	14 17	59	14 18	63
15 15	56	15 16	60	15 17	63	15 18	67	15 19	71
16 16	64	16 17	68	16 18	72	16 19	76	16 20	80
17 17	72	17 18	76	17 19	80	17 20	85	17 21	89
18 18	81	18 19	85	18 20	90	18 21	94	18 22	99
19 19	90	19 20	95	19 21	99	19 22	104	19 23	109
20 20	100	20 21	105	20 22	110	20 23	115	20 24	120
21 21	110	21 22	115	21 23	120	21 24	126	21 25	131
22 22	121	22 23	126	22 24	132	22 25	137	22 26	143
23 23	132	23 24	138	23 25	143	23 26	149	23 27	155
24 24	144	24 25	150	24 26	156	24 27	162	24 28	168
25 25	156	25 26	162	25 27	168	25 28	175	25 29	181
26 26	169	27 27	182	28 28	196	29 29	210	30 30	225

*37 Feet in Length.*

Size.		Amt.	Size.		Amt.	Size.		Amt.	Size.		Amt.	Size.		Amt.	Size.		Amt.	Size.		Amt.
8	8	16	8	9	18	8	10	20	8	11	22	8	12	24	8	13	26	8	14	28
9	9	20	9	10	23	9	11	25	9	12	27	9	13	30	9	14	32	9	15	35
10	10	25	10	11	28	10	12	30	10	13	33	10	14	35	10	15	38	10	16	40
11	11	31	11	12	33	11	13	36	11	14	39	11	15	42	11	16	45	11	17	47
12	12	37	12	13	40	12	14	43	12	15	46	12	16	49	12	17	52	12	18	55
13	13	43	13	14	46	13	15	50	13	16	53	13	17	56	13	18	59	13	19	62
14	14	50	14	15	53	14	16	57	14	17	61	14	18	64	14	19	67	14	20	70
15	15	57	15	16	61	15	17	65	15	18	69	15	19	73	15	20	76	15	21	79
16	16	65	16	17	69	16	18	74	16	19	78	16	20	82	16	21	85	16	22	88
17	17	74	17	18	78	17	19	83	17	20	87	17	21	91	17	22	94	17	23	97
18	18	83	18	19	87	18	20	92	18	21	97	18	22	101	18	23	104	18	24	107
19	19	92	19	20	97	19	21	102	19	22	107	19	23	112	19	24	115	19	25	118
20	20	102	20	21	107	20	22	113	20	23	118	20	24	123	20	25	126	20	26	129
21	21	113	21	22	118	21	23	124	21	24	129	21	25	134	21	26	137	21	27	140
22	22	124	22	23	130	22	24	135	22	25	141	22	26	146	22	27	149	22	28	152
23	23	135	23	24	141	23	25	147	23	26	153	23	27	159	23	28	164	23	29	169
24	24	148	24	25	154	24	26	160	24	27	166	24	28	172	24	29	177	24	30	182
25	25	160	25	26	167	25	27	173	25	28	179	25	29	186	25	30	191	25	31	197
26	26	173	27	27	187	28	28	201	29	29	216	30	30	231	31	31	246	32	32	262



# READY RECKONER,

37

SHOWING THE CUBICAL CONTENTS OF SQUARE TIMBER.

## 38 Feet in Length.

Size.		Amt.	Size.		Amt.	Size.		Amt.	Size.		Amt.	Size.		Amt.	Size.		Amt.	Size.		Amt.	Size.		Amt.
8	8	16	8	9	19	8	10	21	8	11	23	8	12	25	8	13	27	8	14	29	8	15	31
9	9	21	9	10	23	9	11	26	9	12	28	9	13	30	9	14	32	9	15	34	9	16	36
10	10	26	10	11	29	10	12	31	10	13	34	10	14	36	10	15	38	10	16	40	10	17	42
11	11	31	11	12	34	11	13	37	11	14	40	11	15	43	11	16	45	11	17	47	11	18	49
12	12	38	12	13	41	12	14	44	12	15	47	12	16	50	12	17	52	12	18	54	12	19	56
13	13	44	13	14	48	13	15	51	13	16	54	13	17	58	13	18	60	13	19	62	13	20	64
14	14	51	14	15	55	14	16	59	14	17	62	14	18	66	14	19	68	14	20	70	14	21	72
15	15	59	15	16	63	15	17	67	15	18	71	15	19	75	15	20	77	15	21	79	15	22	81
16	16	67	16	17	71	16	18	76	16	19	80	16	20	84	16	21	86	16	22	88	16	23	90
17	17	76	17	18	80	17	19	85	17	20	89	17	21	94	17	22	96	17	23	98	17	24	100
18	18	85	18	19	90	18	20	95	18	21	99	18	22	104	18	23	106	18	24	108	18	25	110
19	19	95	19	20	100	19	21	105	19	22	110	19	23	115	19	24	117	19	25	119	19	26	121
20	20	105	20	21	110	20	22	116	20	23	121	20	24	126	20	25	128	20	26	130	20	27	132
21	21	116	21	22	121	21	23	127	21	24	133	21	25	138	21	26	140	21	27	142	21	28	144
22	22	127	22	23	133	22	24	139	22	25	145	22	26	150	22	27	152	22	28	154	22	29	156
23	23	139	23	24	145	23	25	151	23	26	157	23	27	163	23	28	165	23	29	167	23	30	169
24	24	152	24	25	158	24	26	164	24	27	171	24	28	177	24	29	179	24	30	181	24	31	183
25	25	164	25	26	171	25	27	178	25	28	184	25	29	191	25	30	193	25	31	195	25	32	197
26	26	178	26	27	192	26	28	206	26	29	221	26	30	237	26	31	239	26	32	241	26	33	243

*39 Feet in Length.*

Size. Amt.			Size. Amt.			Size. Amt.			Size. Amt.			Size. Amt.		
8	8	17	8	9	19	8	10	21	8	11	23	8	12	26
9	9	21	9	10	24	9	11	26	9	12	29	9	13	31
10	10	27	10	11	29	10	12	32	10	13	35	10	14	37
11	11	32	11	12	35	11	13	38	11	14	41	11	15	44
12	12	39	12	13	42	12	14	45	12	15	48	12	16	52
13	13	45	13	14	49	13	15	52	13	16	56	13	17	59
14	14	53	14	15	56	14	16	60	14	17	64	14	18	68
15	15	60	15	16	65	15	17	69	15	18	73	15	19	77
16	16	69	16	17	73	16	18	78	16	19	82	16	20	86
17	17	78	17	18	82	17	19	87	17	20	92	17	21	96
18	18	87	18	19	92	18	20	97	18	21	102	18	22	107
19	19	97	19	20	102	19	21	108	19	22	113	19	23	118
20	20	108	20	21	113	20	22	119	20	23	124	20	24	130
21	21	119	21	22	125	21	23	130	21	24	136	21	25	142
22	22	131	22	23	137	22	24	143	22	25	148	22	26	154
23	23	143	23	24	149	23	25	155	23	26	161	23	27	168
24	24	156	24	25	162	24	26	169	24	27	175	24	28	182
25	25	169	25	26	176	25	27	182	25	28	189	25	29	196
26	26	183	27	27	197	28	28	212	29	29	227	30	30	243



# READY RECKONER,

39

SHOWING THE CUBICAL CONTENTS OF SQUARE TIMBER.

*40 Feet in Length.*

Size.	Amt.	Size.	Amt.	Size.	Amt.	Size.	Amt.	Size.	Amt.
8 8	17	8 9	20	8 10	22	8 11	24	8 12	26
9 9	22	9 10	25	9 11	27	9 12	30	9 13	32
10 10	27	10 11	30	10 12	33	10 13	36	10 14	38
11 11	33	11 12	36	11 13	39	11 14	42	11 15	45
12 12	40	12 13	43	12 14	46	12 15	50	12 16	53
13 13	46	13 14	50	13 15	54	13 16	57	13 17	61
14 14	54	14 15	58	14 16	62	14 17	66	14 18	70
15 15	62	15 16	66	15 17	70	15 18	75	15 19	79
16 16	71	16 17	75	16 18	80	16 19	84	16 20	88
17 17	80	17 18	85	17 19	89	17 20	94	17 21	99
18 18	90	18 19	95	18 20	100	18 21	105	18 22	110
19 19	100	19 20	105	19 21	110	19 22	116	19 23	121
20 20	111	20 21	116	20 22	122	20 23	127	20 24	133
21 21	122	21 22	128	21 23	134	21 24	140	21 25	145
22 22	134	22 23	140	22 24	146	22 25	152	22 26	158
23 23	146	23 24	153	23 25	159	23 26	166	23 27	172
24 24	160	24 25	166	24 26	173	24 27	180	24 28	186
25 25	173	25 26	180	25 27	187	25 28	194	25 29	201
26 26	187	27 27	202	28 28	217	29 29	233	30 30	250

*41 Feet in Length.*

Size.		Amt.	Size.		Amt.	Size.		Amt.	Size.		Amt.	Size.		Amt.	Size.		Amt.	Size.		Amt.
8	8	18	8	9	20	8	10	22	8	11	25	8	12	27	8	13	30	8	14	33
9	9	23	9	10	25	9	11	28	9	12	30	9	13	33	9	14	36	9	15	39
10	10	28	10	11	31	10	12	34	10	13	37	10	14	39	10	15	42	10	16	45
11	11	34	11	12	37	11	13	40	11	14	43	11	15	46	11	16	49	11	17	51
12	12	41	12	13	44	12	14	47	12	15	51	12	16	54	12	17	57	12	18	60
13	13	48	13	14	51	13	15	55	13	16	59	13	17	62	13	18	66	13	19	69
14	14	55	14	15	59	14	16	63	14	17	67	14	18	71	14	19	75	14	20	78
15	15	64	15	16	68	15	17	72	15	18	76	15	19	81	15	20	85	15	21	88
16	16	72	16	17	77	16	18	82	16	19	86	16	20	91	16	21	95	16	22	98
17	17	82	17	18	87	17	19	91	17	20	96	17	21	101	17	22	105	17	23	108
18	18	92	18	19	97	18	20	102	18	21	107	18	22	112	18	23	116	18	24	119
19	19	102	19	20	108	19	21	113	19	22	119	19	23	124	19	24	128	19	25	131
20	20	113	20	21	119	20	22	125	20	23	130	20	24	136	20	25	140	20	26	143
21	21	125	21	22	131	21	23	137	21	24	143	21	25	149	21	26	154	21	27	157
22	22	137	22	23	144	22	24	150	22	25	156	22	26	162	22	27	167	22	28	170
23	23	150	23	24	157	23	25	163	23	26	170	23	27	176	23	28	181	23	29	184
24	24	164	24	25	170	24	26	177	24	27	184	24	28	191	24	29	197	24	30	200
25	25	177	25	26	185	25	27	192	25	28	199	25	29	206	25	30	212	25	31	215
26	26	192	26	27	200	26	28	207	26	29	214	26	30	221	26	31	227	26	32	230

# READY RECKONER,

41

SHOWING THE CUBICAL CONTENTS OF SQUARE TIMBER.

## 42 Feet in Length.

Size.		Amt.	Size.		Amt.	Size.		Amt.	Size.		Amt.	Size.		Amt.
8	8	18	8	9	21	8	10	23	8	11	25	8	12	28
9	9	23	9	10	26	9	11	28	9	12	31	9	13	34
10	10	29	10	11	32	10	12	35	10	13	37	10	14	40
11	11	35	11	12	38	11	13	41	11	14	44	11	15	48
12	12	42	12	13	45	12	14	49	12	15	52	12	16	56
13	13	49	13	14	53	13	15	56	13	16	60	13	17	64
14	14	57	14	15	61	14	16	65	14	17	69	14	18	73
15	15	65	15	16	70	15	17	74	15	18	78	15	19	83
16	16	74	16	17	79	16	18	84	16	19	88	16	20	93
17	17	84	17	18	89	17	19	94	17	20	99	17	21	104
18	18	94	18	19	99	18	20	105	18	21	110	18	22	115
19	19	105	19	20	110	19	21	116	19	22	121	19	23	127
20	20	116	20	21	122	20	22	128	20	23	134	20	24	140
21	21	128	21	22	134	21	23	140	21	24	147	21	25	153
22	22	141	22	23	147	22	24	154	22	25	160	22	26	166
23	23	154	23	24	161	23	25	167	23	26	174	23	27	181
24	24	168	24	25	175	24	26	182	24	27	189	24	28	196
25	25	182	25	26	189	25	27	196	25	28	204	25	29	211
26	26	197	27	27	212	28	28	228	29	29	245	30	30	262

*43 Feet in Length.*

Size.		Amt.	Size.		Amt.	Size.		Amt.	Size.		Amt.	Size.		Amt.	Size.		Amt.	Size.		Amt.
8	8	19	8	9	21	8	10	23	8	11	26	8	12	28	8	13	31	8	14	34
9	9	24	9	10	26	9	11	29	9	12	32	9	13	34	9	14	37	9	15	40
10	10	29	10	11	32	10	12	35	10	13	38	10	14	41	10	15	44	10	16	47
11	11	36	11	12	39	11	13	42	11	14	45	11	15	49	11	16	52	11	17	55
12	12	43	12	13	46	12	14	50	12	15	53	12	16	57	12	17	60	12	18	63
13	13	50	13	14	54	13	15	58	13	16	62	13	17	65	13	18	69	13	19	72
14	14	58	14	15	62	14	16	66	14	17	71	14	18	75	14	19	79	14	20	82
15	15	67	15	16	71	15	17	76	15	18	80	15	19	85	15	20	89	15	21	93
16	16	76	16	17	81	16	18	86	16	19	90	16	20	95	16	21	99	16	22	103
17	17	86	17	18	91	17	19	96	17	20	101	17	21	106	17	22	110	17	23	114
18	18	96	18	19	102	18	20	107	18	21	112	18	22	118	18	23	122	18	24	126
19	19	107	19	20	113	19	21	119	19	22	124	19	23	130	19	24	134	19	25	138
20	20	119	20	21	125	20	22	131	20	23	137	20	24	143	20	25	147	20	26	151
21	21	131	21	22	137	21	23	144	21	24	150	21	25	156	21	26	160	21	27	164
22	22	144	22	23	151	22	24	157	22	25	164	22	26	170	22	27	174	22	28	178
23	23	157	23	24	164	23	25	171	23	26	178	23	27	185	23	28	189	23	29	193
24	24	172	24	25	179	24	26	186	24	27	193	24	28	200	24	29	204	24	30	208
25	25	186	25	26	194	25	27	201	25	28	209	25	29	216	25	30	220	25	31	224
26	26	201	26	27	211	26	28	219	26	29	227	26	30	234	26	31	238	26	32	242

# READY RECKONER,

43

SHOWING THE CUBICAL CONTENTS OF SQUARE TIMBER.

*44 Feet in Length.*

Size.		Amt.	Size.		Amt.	Size.		Amt.	Size.		Amt.	Size.		Amt.
8	8	19	8	9	22	8	10	24	8	11	26	8	12	29
9	9	24	9	10	27	9	11	30	9	12	33	9	13	35
10	10	30	10	11	33	10	12	36	10	13	39	10	14	42
11	11	36	11	12	40	11	13	43	11	14	47	11	15	50
12	12	44	12	13	47	12	14	51	12	15	55	12	16	58
13	13	51	13	14	55	13	15	59	13	16	63	13	17	67
14	14	59	14	15	64	14	16	68	14	17	72	14	18	77
15	15	68	15	16	73	15	17	77	15	18	82	15	19	87
16	16	78	16	17	83	16	18	88	16	19	92	16	20	97
17	17	88	17	18	93	17	19	98	17	20	103	17	21	109
18	18	99	18	19	104	18	20	110	18	21	115	18	22	121
19	19	110	19	20	116	19	21	121	19	22	127	19	23	133
20	20	122	20	21	128	20	22	134	20	23	140	20	24	146
21	21	134	21	22	141	21	23	147	21	24	154	21	25	160
22	22	147	22	23	154	22	24	161	22	25	168	22	26	174
23	23	161	23	24	168	23	25	175	23	26	182	23	27	189
24	24	176	24	25	183	24	26	190	24	27	198	24	28	205
25	25	190	25	26	198	25	27	206	25	28	213	25	29	221
26	26	206	27	27	222	28	28	239	29	29	256	30	30	275



*45 Feet in Length.*

Size.		Amt.	Size.		Amt.	Size.		Amt.	Size.		Amt.	Size.		Amt.
8	8	20	8	9	22	8	10	25	8	11	27	8	12	30
9	9	25	9	10	28	9	11	30	9	12	33	9	13	36
10	10	31	10	11	34	10	12	37	10	13	40	10	14	43
11	11	37	11	12	41	11	13	44	11	14	48	11	15	51
12	12	45	12	13	48	12	14	52	12	15	56	12	16	60
13	13	52	13	14	56	13	15	60	13	16	65	13	17	69
14	14	61	14	15	65	14	16	70	14	17	74	14	18	78
15	15	70	15	16	75	15	17	79	15	18	84	15	19	89
16	16	80	16	17	85	16	18	90	16	19	95	16	20	100
17	17	90	17	18	95	17	19	100	17	20	106	17	21	111
18	18	101	18	19	106	18	20	112	18	21	118	18	22	123
19	19	112	19	20	118	19	21	124	19	22	130	19	23	136
20	20	125	20	21	131	20	22	137	20	23	143	20	24	150
21	21	137	21	22	144	21	23	150	21	24	157	21	25	164
22	22	151	22	23	158	22	24	165	22	25	171	22	26	178
23	23	165	23	24	172	23	25	179	23	26	186	23	27	194
24	24	180	24	25	187	24	26	195	24	27	202	24	28	210
25	25	195	25	26	203	25	27	210	25	28	218	25	29	226
26	26	211	27	27	227	28	28	245	29	29	262	30	30	281

# READY RECKONER,

45

SHOWING THE CUBICAL CONTENTS OF SQUARE TIMBER.

## 46 Feet in Length.

Size.		Amt.	Size.		Amt.	Size.		Amt.	Size.		Amt.	Size.		Amt.	Size.		Amt.	Size.		Amt.
8	8	20	8	9	23	8	10	25	8	11	28	8	12	30						
9	9	25	9	10	28	9	11	31	9	12	34	9	13	37						
10	10	31	10	11	35	10	12	38	10	13	41	10	14	44						
11	11	38	11	12	42	11	13	45	11	14	49	11	15	52						
12	12	46	12	13	49	12	14	53	12	15	57	12	16	61						
13	13	53	13	14	58	13	15	62	13	16	66	13	17	70						
14	14	62	14	15	67	14	16	71	14	17	76	14	18	80						
15	15	71	15	16	76	15	17	81	15	18	86	15	19	91						
16	16	81	16	17	86	16	18	92	16	19	97	16	20	102						
17	17	92	17	18	97	17	19	103	17	20	108	17	21	114						
18	18	103	18	19	109	18	20	115	18	21	120	18	22	126						
19	19	115	19	20	121	19	21	127	19	22	133	19	23	139						
20	20	127	20	21	134	20	22	140	20	23	146	20	24	153						
21	21	140	21	22	147	21	23	154	21	24	161	21	25	167						
22	22	154	22	23	161	22	24	168	22	25	175	22	26	182						
23	23	168	23	24	176	23	25	183	23	26	191	23	27	198						
24	24	184	24	25	191	24	26	199	24	27	207	24	28	214						
25	25	199	25	26	207	25	27	215	25	28	223	25	29	231						
26	26	215	27	27	232	28	28	250	29	29	268	30	30	287						

*47 Feet in Length.*

Size. Amt.			Size. Amt.			Size. Amt.			Size. Amt.			Size. Amt.		
8	8	20	8	9	23	8	10	26	8	11	28	8	12	31
9	9	26	9	10	29	9	11	32	9	12	35	9	13	38
10	10	32	10	11	35	10	12	39	10	13	42	10	14	45
11	11	39	11	12	43	11	13	46	11	14	50	11	15	53
12	12	47	12	13	50	12	14	54	12	15	58	12	16	62
13	13	55	13	14	59	13	15	63	13	16	67	13	17	72
14	14	63	14	15	68	14	16	73	14	17	77	14	18	82
15	15	73	15	16	78	15	17	83	15	18	88	15	19	93
16	16	83	16	17	88	16	18	94	16	19	99	16	20	104
17	17	94	17	18	99	17	19	105	17	20	110	17	21	116
18	18	105	18	19	111	18	20	117	18	21	123	18	22	129
19	19	117	19	20	124	19	21	130	19	22	136	19	23	142
20	20	130	20	21	137	20	22	143	20	23	150	20	24	156
21	21	143	21	22	150	21	23	157	21	24	164	21	25	171
22	22	157	22	23	165	22	24	172	22	25	179	22	26	186
23	23	172	23	24	180	23	25	187	23	26	195	23	27	202
24	24	188	24	25	195	24	26	203	24	27	211	24	28	219
25	25	203	25	26	212	25	27	220	25	28	228	25	29	236
26	26	220	27	27	237	28	28	255	29	29	274	30	30	293



# READY RECKONER,

47

SHOWING THE CUBICAL CONTENTS OF SQUARE TIMBER.

*48 Feet in Length.*

Size. Amt.			Size. Amt.			Size. Amt.			Size. Amt.			Size. Amt.		
8	8	21	8	9	24	8	10	26	8	11	29	8	12	32
9	9	27	9	10	30	9	11	33	9	12	36	9	13	39
10	10	33	10	11	36	10	12	40	10	13	43	10	14	46
11	11	40	11	12	44	11	13	47	11	14	51	11	15	55
12	12	48	12	13	52	12	14	56	12	15	60	12	16	64
13	13	56	13	14	60	13	15	65	13	16	69	13	17	73
14	14	65	14	15	70	14	16	74	14	17	79	14	18	84
15	15	75	15	16	80	15	17	85	15	18	90	15	19	95
16	16	85	16	17	90	16	18	96	16	19	101	16	20	106
17	17	96	17	18	102	17	19	107	17	20	113	17	21	119
18	18	108	18	19	114	18	20	120	18	21	126	18	22	132
19	19	120	19	20	126	19	21	133	19	22	139	19	23	145
20	20	133	20	21	140	20	22	146	20	23	153	20	24	160
21	21	147	21	22	154	21	23	161	21	24	168	21	25	175
22	22	161	22	23	168	22	24	176	22	25	183	22	26	190
23	23	176	23	24	184	23	25	191	23	26	199	23	27	207
24	24	192	24	25	200	24	26	208	24	27	216	24	28	224
25	25	208	25	26	216	25	27	225	25	28	233	25	29	241
26	26	225	27	27	243	28	28	261	29	29	280	30	30	300

*49 Feet in Length.*

Size.		Amt.	Size.		Amt.	Size.		Amt.	Size.		Amt.	Size.		Amt.
8	8	21	8	9	24	8	10	27	8	11	29	8	12	32
9	9	27	9	10	30	9	11	33	9	12	36	9	13	39
10	10	34	10	11	37	10	12	40	10	13	44	10	14	47
11	11	41	11	12	44	11	13	48	11	14	52	11	15	56
12	12	49	12	13	53	12	14	57	12	15	61	12	16	65
13	13	57	13	14	61	13	15	66	13	16	70	13	17	75
14	14	66	14	15	71	14	16	76	14	17	80	14	18	85
15	15	76	15	16	81	15	17	86	15	18	91	15	19	96
16	16	87	16	17	92	16	18	98	16	19	103	16	20	108
17	17	98	17	18	104	17	19	109	17	20	115	17	21	121
18	18	110	18	19	116	18	20	122	18	21	128	18	22	134
19	19	122	19	20	129	19	21	135	19	22	142	19	23	148
20	20	136	20	21	142	20	22	149	20	23	156	20	24	163
21	21	150	21	22	157	21	23	164	21	24	171	21	25	178
22	22	164	22	23	172	22	24	179	22	25	187	22	26	194
23	23	180	23	24	187	23	25	195	23	26	203	23	27	211
24	24	196	24	25	204	24	26	212	24	27	220	24	28	228
25	25	212	25	26	221	25	27	229	25	28	238	25	29	246
26	26	230	27	27	248	28	28	266	29	29	286	30	30	306

# READY RECKONER,

49

SHOWING THE CUBICAL CONTENTS OF SQUARE TIMBER.

*50 Feet in Length.*

Size. Amt.			Size. Amt.			Size. Amt.			Size. Amt.			Size. Amt.		
8	8	22	8	9	25	8	10	27	8	11	30	8	12	33
9	9	28	9	10	31	9	11	34	9	12	37	9	13	40
10	10	34	10	11	38	10	12	41	10	13	45	10	14	48
11	11	42	11	12	45	11	13	49	11	14	53	11	15	57
12	12	50	12	13	54	12	14	58	12	15	62	12	16	66
13	13	58	13	14	63	13	15	67	13	16	72	13	17	76
14	14	68	14	15	72	14	16	77	14	17	82	14	18	87
15	15	78	15	16	83	15	17	88	15	18	93	15	19	98
16	16	88	16	17	94	16	18	100	16	19	105	16	20	111
17	17	100	17	18	106	17	19	112	17	20	118	17	21	123
18	18	112	18	19	118	18	20	125	18	21	131	18	22	137
19	19	125	19	20	131	19	21	138	19	22	145	19	23	151
20	20	138	20	21	145	20	22	152	20	23	159	20	24	166
21	21	153	21	22	160	21	23	167	21	24	175	21	25	182
22	22	168	22	23	175	22	24	183	22	25	190	22	26	198
23	23	183	23	24	191	23	25	199	23	26	207	23	27	215
24	24	200	24	25	208	24	26	216	24	27	225	24	28	233
25	25	217	25	26	225	25	27	234	25	28	243	25	29	251
26	26	234	27	27	253	28	28	272	29	29	292	30	30	312

*51 Feet in Length.*

Size.		Amt.	Size.		Amt.	Size.		Amt.	Size.		Amt.	Size.		Amt.	Size.		Amt.	Size.		Amt.
8	8	22	8	9	25	8	10	28	8	11	31	8	12	34						
9	9	28	9	10	31	9	11	35	9	12	38	9	13	41						
10	10	35	10	11	38	10	12	42	10	13	46	10	14	49						
11	11	42	11	12	46	11	13	50	11	14	54	11	15	58						
12	12	51	12	13	55	12	14	59	12	15	63	12	16	68						
13	13	59	13	14	64	13	15	69	13	16	73	13	17	78						
14	14	69	14	15	74	14	16	79	14	17	84	14	18	89						
15	15	79	15	16	85	15	17	90	15	18	95	15	19	100						
16	16	90	16	17	96	16	18	102	16	19	107	16	20	113						
17	17	102	17	18	108	17	19	114	17	20	120	17	21	126						
18	18	114	18	19	121	18	20	127	18	21	133	18	22	140						
19	19	127	19	20	134	19	21	141	19	22	148	19	23	154						
20	20	141	20	21	148	20	22	155	20	23	162	20	24	170						
21	21	156	21	22	163	21	23	171	21	24	178	21	25	185						
22	22	171	22	23	179	22	24	187	22	25	194	22	26	202						
23	23	187	23	24	195	23	25	203	23	26	211	23	27	219						
24	24	204	24	25	212	24	26	221	24	27	229	24	28	238						
25	25	221	25	26	230	25	27	239	25	28	247	25	29	256						
26	26	239	27	27	257	28	28	277	29	29	297	30	30	318						

# READY RECKONER,

51

SHOWING THE CUBICAL CONTENTS OF SQUARE TIMBER.

*52 Feet in Length.*

Size. Amt.			Size. Amt.			Size. Amt.			Size. Amt.			Size. Amt.		
8	8	23	8	9	26	8	10	28	8	11	31	8	12	34
9	9	29	9	10	32	9	11	35	9	12	39	9	13	42
10	10	36	10	11	39	10	12	43	10	13	46	10	14	50
11	11	43	11	12	47	11	13	51	11	14	55	11	15	59
12	12	52	12	13	56	12	14	60	12	15	65	12	16	69
13	13	61	13	14	65	13	15	70	13	16	75	13	17	79
14	14	70	14	15	75	14	16	80	14	17	85	14	18	91
15	15	81	15	16	86	15	17	92	15	18	97	15	19	102
16	16	92	16	17	98	16	18	104	16	19	109	16	20	115
17	17	104	17	18	110	17	19	116	17	20	122	17	21	128
18	18	117	18	19	123	18	20	130	18	21	136	18	22	143
19	19	130	19	20	137	19	21	144	19	22	150	19	23	157
20	20	144	20	21	151	20	22	158	20	23	166	20	24	173
21	21	159	21	22	166	21	23	174	21	24	182	21	25	189
22	22	174	22	23	182	22	24	190	22	25	198	22	26	206
23	23	191	23	24	199	23	25	207	23	26	215	23	27	224
24	24	208	24	25	216	24	26	225	24	27	234	24	28	242
25	25	225	25	26	234	25	27	243	25	28	252	25	29	261
26	26	244	27	27	263	28	28	283	29	29	303	30	30	325



*53 Feet in Length.*

Size.		Amt.	Size.		Amt.	Size.		Amt.	Size.		Amt.	Size.		Amt.
8	8	23	8	9	26	8	10	29	8	11	32	8	12	35
9	9	29	9	10	33	9	11	36	9	12	39	9	13	43
10	10	36	10	11	40	10	12	44	10	13	47	10	14	51
11	11	44	11	12	48	11	13	52	11	14	56	11	15	60
12	12	53	12	13	57	12	14	61	12	15	66	12	16	70
13	13	62	13	14	67	13	15	71	13	16	76	13	17	81
14	14	72	14	15	77	14	16	82	14	17	87	14	18	92
15	15	82	15	16	88	15	17	93	15	18	99	15	19	104
16	16	94	16	17	100	16	18	106	16	19	111	16	20	117
17	17	106	17	18	112	17	19	118	17	20	125	17	21	131
18	18	119	18	19	125	18	20	132	18	21	139	18	22	145
19	19	132	19	20	139	19	21	146	19	22	153	19	23	160
20	20	147	20	21	154	20	22	161	20	23	169	20	24	176
21	21	162	21	22	170	21	23	177	21	24	185	21	25	193
22	22	178	22	23	186	22	24	194	22	25	202	22	26	210
23	23	194	23	24	203	23	25	211	23	26	220	23	27	228
24	24	212	24	25	220	24	26	230	24	27	238	24	28	247
25	25	230	25	26	239	25	27	248	25	28	257	25	29	266
26	26	248	27	27	268	28	28	288	29	29	309	30	30	334

# READY RECKONER,

53

SHOWING THE CUBICAL CONTENTS OF SQUARE TIMBER.

*54 Feet in Length.*

Size.		Amt.	Size.		Amt.	Size.		Amt.	Size.		Amt.	Size.		Amt.
8	8	24	8	9	27	8	10	30	8	11	33	8	12	36
9	9	30	9	10	33	9	11	37	9	12	40	9	13	43
10	10	37	10	11	41	10	12	45	10	13	48	10	14	52
11	11	45	11	12	49	11	13	53	11	14	57	11	15	61
12	12	54	12	13	58	12	14	63	12	15	67	12	16	72
13	13	63	13	14	68	13	15	73	13	16	78	13	17	82
14	14	73	14	15	78	14	16	84	14	17	89	14	18	94
15	15	84	15	16	90	15	17	95	15	18	101	15	19	106
16	16	96	16	17	102	16	18	108	16	19	114	16	20	120
17	17	108	17	18	114	17	19	120	17	20	127	17	21	133
18	18	121	18	19	128	18	20	135	18	21	141	18	22	148
19	19	135	19	20	142	19	21	149	19	22	156	19	23	163
20	20	150	20	21	157	20	22	165	20	23	172	20	24	180
21	21	165	21	22	173	21	23	181	21	24	189	21	25	196
22	22	181	22	23	189	22	24	198	22	25	206	22	26	214
23	23	198	23	24	207	23	25	215	23	26	224	23	27	232
24	24	216	24	25	225	24	26	234	24	27	243	24	28	252
25	25	234	25	26	243	25	27	253	25	28	262	25	29	271
26	26	253	27	27	273	28	28	294	29	29	315	30	30	337

*55 Feet in Length.*

Size. Amt.			Size. Amt.			Size. Amt.			Size. Amt.			Size. Amt.		
8	8	24	8	9	27	8	10	30	8	11	33	8	12	36
9	9	30	9	10	34	9	11	37	9	12	41	9	13	44
10	10	38	10	11	42	10	12	45	10	13	49	10	14	53
11	11	46	11	12	50	11	13	54	11	14	58	11	15	63
12	12	55	12	13	59	12	14	64	12	15	68	12	16	73
13	13	64	13	14	69	13	15	74	13	16	79	13	17	84
14	14	74	14	15	80	14	16	85	14	17	90	14	18	96
15	15	85	15	16	91	15	17	97	15	18	103	15	19	108
16	16	97	16	17	103	16	18	110	16	19	116	16	20	122
17	17	110	17	18	116	17	19	123	17	20	129	17	21	136
18	18	123	18	19	130	18	20	137	18	21	144	18	22	151
19	19	137	19	20	145	19	21	152	19	22	159	19	23	166
20	20	152	20	21	160	20	22	168	20	23	175	20	24	183
21	21	168	21	22	176	21	23	184	21	24	192	21	25	200
22	22	184	22	23	193	22	24	201	22	25	210	22	26	218
23	23	202	23	24	210	23	25	219	23	26	228	23	27	237
24	24	220	24	25	229	24	26	239	24	27	247	24	28	256
25	25	238	25	26	248	25	27	257	25	28	267	25	29	276
26	26	258	27	27	278	28	28	299	29	29	321	30	30	343



# READY RECKONER,

55

SHOWING THE CUBICAL CONTENTS OF SQUARE TIMBER

*56 Feet in Length.*

Size.		Amt.	Size.		Amt.	Size.		Amt.	Size.		Amt.	Size.		Amt.	Size.		Amt.
8	8	24	8	9	28	8	10	31	8	11	34	8	12	37			
9	9	31	9	10	35	9	11	38	9	12	42	9	13	45			
10	10	38	10	11	42	10	12	46	10	13	50	10	14	54			
11	11	47	11	12	51	11	13	55	11	14	59	11	15	64			
12	12	56	12	13	60	12	14	65	12	15	70	12	16	74			
13	13	65	13	14	70	13	15	75	13	16	80	13	17	85			
14	14	76	14	15	81	14	16	87	14	17	92	14	18	98			
15	15	87	15	16	93	15	17	99	15	18	105	15	19	110			
16	16	99	16	17	105	16	18	112	16	19	118	16	20	124			
17	17	112	17	18	119	17	19	125	17	20	132	17	21	138			
18	18	126	18	19	133	18	20	140	18	21	147	18	22	154			
19	19	140	19	20	147	19	21	155	19	22	162	19	23	169			
20	20	155	20	21	163	20	22	171	20	23	178	20	24	186			
21	21	171	21	22	179	21	23	187	21	24	196	21	25	204			
22	22	188	22	23	196	22	24	205	22	25	213	22	26	222			
23	23	205	23	24	214	23	25	223	23	26	232	23	27	241			
24	24	224	24	25	233	24	26	242	24	27	252	24	28	261			
25	25	243	25	26	252	25	27	262	25	28	272	25	29	281			
26	26	262	27	27	283	28	28	304	29	29	327	30	30	350			

*57 Feet in Length.*

Size.		Amt.	Size.		Amt.	Size.		Amt.	Size.		Amt.	Size.		Amt.	Size.		Amt.
8	8	25	8	9	28	8	10	31	8	11	34	8	12	38			
9	9	32	9	10	35	9	11	39	9	12	42	9	13	46			
10	10	39	10	11	43	10	12	47	10	13	51	10	14	55			
11	11	47	11	12	52	11	13	56	11	14	60	11	15	65			
12	12	57	12	13	61	12	14	66	12	15	71	12	16	76			
13	13	66	13	14	72	13	15	77	13	16	82	13	17	87			
14	14	77	14	15	83	14	16	88	14	17	94	14	18	99			
15	15	89	15	16	95	15	17	100	15	18	106	15	19	112			
16	16	101	16	17	107	16	18	114	16	19	120	16	20	126			
17	17	114	17	18	121	17	19	127	17	20	135	17	21	141			
18	18	128	18	19	135	18	20	142	18	21	149	18	22	156			
19	19	142	19	20	150	19	21	157	19	22	165	19	23	172			
20	20	158	20	21	166	20	22	174	20	23	182	20	24	190			
21	21	174	21	22	182	21	23	191	21	24	199	21	25	207			
22	22	191	22	23	200	22	24	209	22	25	217	22	26	226			
23	23	209	23	24	218	23	25	227	23	26	236	23	27	246			
24	24	228	24	25	237	24	26	247	24	27	256	24	28	266			
25	25	247	25	26	257	25	27	267	25	28	277	25	29	286			
26	26	267	27	27	288	28	28	310	29	29	332	30	30	356			

57
**READY RECKONER,**  
 SHOWING THE CUBICAL CONTENTS OF SQUARE TIMBER.

*58 Feet in Length.*

Size. Amt.			Size. Amt.			Size. Amt.			Size. Amt.			Size. Amt.		
8	8	25	8	9	29	8	10	32	8	11	35	8	12	38
9	9	32	9	10	36	9	11	39	9	12	43	9	13	47
10	10	40	10	11	44	10	12	48	10	13	52	10	14	56
11	11	48	11	12	53	11	13	57	11	14	62	11	15	66
12	12	58	12	13	62	12	14	67	12	15	72	12	16	77
13	13	68	13	14	73	13	15	78	13	16	83	13	17	89
14	14	78	14	15	84	14	16	90	14	17	96	14	18	101
15	15	90	15	16	96	15	17	102	15	18	108	15	19	114
16	16	103	16	17	109	16	18	116	16	19	122	16	20	128
17	17	116	17	18	123	17	19	130	17	20	136	17	21	143
18	18	130	18	19	137	18	20	145	18	21	152	18	22	159
19	19	145	19	20	153	19	21	160	19	22	168	19	23	176
20	20	161	20	21	169	20	22	177	20	23	185	20	24	193
21	21	177	21	22	186	21	23	194	21	24	203	21	25	211
22	22	194	22	23	203	22	24	212	22	25	221	22	26	230
23	23	213	23	24	222	23	25	231	23	26	240	23	27	250
24	24	232	24	25	241	24	26	251	24	27	261	24	28	270
25	25	251	25	26	261	25	27	271	25	28	281	25	29	292
26	26	272	27	27	293	28	28	315	29	29	338	30	30	362

*59 Feet in Length.*

Size.		Amt.	Size.		Amt.	Size.		Amt.	Size.		Amt.	Size.		Amt.
8	8	26	8	9	29	8	10	32	8	11	36	8	12	39
9	9	33	9	10	36	9	11	40	9	12	44	9	13	47
10	10	40	10	11	45	10	12	49	10	13	53	10	14	57
11	11	49	11	12	54	11	13	58	11	14	63	11	15	67
12	12	59	12	13	63	12	14	68	12	15	73	12	16	78
13	13	69	13	14	74	13	15	79	13	16	85	13	17	90
14	14	80	14	15	86	14	16	91	14	17	97	14	18	103
15	15	92	15	16	98	15	17	104	15	18	110	15	19	116
16	16	104	16	17	111	16	18	118	16	19	124	16	20	131
17	17	118	17	18	125	17	19	132	17	20	139	17	21	146
18	18	132	18	19	140	18	20	147	18	21	154	18	22	162
19	19	147	19	20	155	19	21	163	19	22	171	19	23	179
20	20	163	20	21	172	20	22	180	20	23	188	20	24	196
21	21	180	21	22	189	21	23	197	21	24	206	21	25	215
22	22	198	22	23	207	22	24	216	22	25	225	22	26	234
23	23	216	23	24	226	23	25	235	23	26	245	23	27	254
24	24	236	24	25	245	24	26	256	24	27	265	24	28	275
25	25	256	25	26	266	25	27	276	25	28	286	25	29	297
26	26	276	27	27	298	28	28	321	29	29	344	30	30	368

# READY RECKONER,

59

SHOWING THE CUBICAL CONTENTS OF SQUARE TIMBER.

*60 Feet in Length.*

Size. Amt.			Size. Amt.			Size. Amt.			Size. Amt.			Size. Amt.		
8	8	26	8	9	30	8	10	33	8	11	36	8	12	40
9	9	33	9	10	37	9	11	41	9	12	45	9	13	48
10	10	41	10	11	45	10	12	50	10	13	54	10	14	58
11	11	50	11	12	55	11	13	59	11	14	64	11	15	68
12	12	60	12	13	65	12	14	70	12	15	75	12	16	80
13	13	70	13	14	75	13	15	81	13	16	86	13	17	92
14	14	81	14	15	87	14	16	93	14	17	99	14	18	105
15	15	93	15	16	100	15	17	106	15	18	112	15	19	118
16	16	106	16	17	113	16	18	120	16	19	126	16	20	133
17	17	120	17	18	127	17	19	134	17	20	141	17	21	148
18	18	135	18	19	142	18	20	150	18	21	157	18	22	165
19	19	150	19	20	158	19	21	166	19	22	174	19	23	182
20	20	166	20	21	175	20	22	183	20	23	191	20	24	200
21	21	183	21	22	192	21	23	201	21	24	210	21	25	218
22	22	202	22	23	210	22	24	220	22	25	229	22	26	238
23	23	220	23	24	230	23	25	239	23	26	249	23	27	259
24	24	240	24	25	250	24	26	260	24	27	270	24	28	280
25	25	260	25	26	270	25	27	281	25	28	291	25	29	302
26	26	281	27	27	303	28	28	326	29	29	350	30	30	375



*61 Feet in Length.*

Size.		Amt.	Size.		Amt.	Size.		Amt.	Size.		Amt.	Size.		Amt.
8	8	27	8	9	30	8	10	33	8	11	37	8	12	40
9	9	34	9	10	38	9	11	41	9	12	45	9	13	49
10	10	42	10	11	46	10	12	50	10	13	55	10	14	59
11	11	51	11	12	55	11	13	60	11	14	65	11	15	69
12	12	61	12	13	66	12	14	71	12	15	76	12	16	81
13	13	71	13	14	77	13	15	82	13	16	88	13	17	93
14	14	83	14	15	88	14	16	94	14	17	100	14	18	106
15	15	95	15	16	101	15	17	108	15	18	114	15	19	120
16	16	108	16	17	115	16	18	122	16	19	128	16	20	135
17	17	122	17	18	129	17	19	136	17	20	144	17	21	151
18	18	137	18	19	144	18	20	152	18	21	160	18	22	167
19	19	152	19	20	160	19	21	169	19	22	177	19	23	185
20	20	169	20	21	177	20	22	186	20	23	194	20	24	203
21	21	186	21	22	195	21	23	204	21	24	213	21	25	222
22	22	205	22	23	214	22	24	223	22	25	233	22	26	242
23	23	224	23	24	233	23	25	243	23	26	253	23	27	263
24	24	244	24	25	254	24	26	264	24	27	274	24	28	284
25	25	264	25	26	275	25	27	285	25	28	296	25	29	307
26	26	286	27	27	308	28	28	332	29	29	356	30	30	381

# READY RECKONER,

61

SHOWING THE CUBICAL CONTENTS OF SQUARE TIMBER.

*62 Feet in Length.*

Size. Amt.			Size. Amt.			Size. Amt.			Size. Amt.			Size. Amt.		
8	8	27	8	9	31	8	10	34	8	11	37	8	12	41
9	9	34	9	10	38	9	11	42	9	12	46	9	13	50
10	10	43	10	11	47	10	12	51	10	13	55	10	14	60
11	11	52	11	12	56	11	13	61	11	14	66	11	15	71
12	12	62	12	13	67	12	14	72	12	15	77	12	16	82
13	13	72	13	14	78	13	15	83	13	16	89	13	17	95
14	14	84	14	15	90	14	16	96	14	17	102	14	18	108
15	15	96	15	16	103	15	17	109	15	18	116	15	19	122
16	16	110	16	17	117	16	18	124	16	19	130	16	20	137
17	17	124	17	18	131	17	19	138	17	20	146	17	21	153
18	18	139	18	19	147	18	20	155	18	21	162	18	22	170
19	19	155	19	20	163	19	21	171	19	22	179	19	23	188
20	20	172	20	21	180	20	22	189	20	23	198	20	24	206
21	21	189	21	22	198	21	23	207	21	24	217	21	25	226
22	22	208	22	23	217	22	24	227	22	25	236	22	26	246
23	23	227	23	24	237	23	25	247	23	26	257	23	27	267
24	24	248	24	25	258	24	26	268	24	27	279	24	28	289
25	25	269	25	26	279	25	27	290	25	28	301	25	29	312
26	26	291	27	27	313	28	28	337	29	29	362	30	30	387



*63 Feet in Length.*

Size.			Amt.			Size.			Amt.			Size.			Amt.			Size.			Amt.		
8	8	28	8	9	31	8	10	35	8	11	38	8	12	42									
9	9	35	9	10	39	9	11	43	9	12	47	9	13	51									
10	10	43	10	11	48	10	12	52	10	13	56	10	14	61									
11	11	52	11	12	57	11	13	62	11	14	65	11	15	72									
12	12	63	12	13	68	12	14	73	12	15	78	12	16	84									
13	13	73	13	14	79	13	15	85	13	16	91	13	17	96									
14	14	85	14	15	91	14	16	98	14	17	104	14	18	110									
15	15	98	15	16	105	15	17	111	15	18	118	15	19	124									
16	16	112	16	17	119	16	18	126	16	19	133	16	20	140									
17	17	126	17	18	133	17	19	141	17	20	148	17	21	156									
18	18	141	18	19	149	18	20	157	18	21	165	18	22	173									
19	19	157	19	20	166	19	21	174	19	22	182	19	23	191									
20	20	175	20	21	183	20	22	192	20	23	201	20	24	210									
21	21	192	21	22	202	21	23	211	21	24	220	21	25	229									
22	22	211	22	23	221	22	24	231	22	25	240	22	26	250									
23	23	231	23	24	241	23	25	251	23	26	261	23	27	271									
24	24	252	24	25	262	24	26	273	24	27	283	24	28	294									
25	25	273	25	26	284	25	27	295	25	28	306	25	29	317									
26	26	295	27	27	318	28	28	343	29	29	367	30	30	393									

# READY RECKONER,

63

SHOWING THE CUBICAL CONTENTS OF SQUARE TIMBER.

## 64 Feet in Length.

Size. Amt.			Size. Amt.			Size. Amt.			Size. Amt.			Size. Amt.		
8	8	28	8	9	32	8	10	35	8	11	39	8	12	42
9	9	36	9	10	40	9	11	44	9	12	48	9	13	52
10	10	44	10	11	48	10	12	53	10	13	57	10	14	62
11	11	53	11	12	58	11	13	63	11	14	68	11	15	73
12	12	64	12	13	69	12	14	74	12	15	80	12	16	85
13	13	75	13	14	80	13	15	86	13	16	92	13	17	98
14	14	87	14	15	93	14	16	99	14	17	105	14	18	112
15	15	100	15	16	106	15	17	113	15	18	120	15	19	126
16	16	113	16	17	120	16	18	128	16	19	135	16	20	142
17	17	128	17	18	136	17	19	143	17	20	151	17	21	158
18	18	144	18	19	152	18	20	160	18	21	168	18	22	176
19	19	160	19	20	168	19	21	177	19	22	185	19	23	194
20	20	177	20	21	186	20	22	195	20	23	204	20	24	213
21	21	196	21	22	205	21	23	214	21	24	224	21	25	233
22	22	215	22	23	224	22	24	234	22	25	244	22	26	254
23	23	235	23	24	245	23	25	255	23	26	265	23	27	276
24	24	256	24	25	266	24	26	277	24	27	288	24	28	298
25	25	277	25	26	288	25	27	300	25	28	311	25	29	322
26	26	300	27	27	324	28	28	348	29	29	373	30	30	400

*65 Feet in Length.*

Size.			Amt.			Size.			Amt.			Size.			Amt.			Size.			Amt.		
8	8	28	8	9	32	8	10	36	8	11	39	8	12	43									
9	9	36	9	10	40	9	11	44	9	12	48	9	13	52									
10	10	45	10	11	49	10	12	54	10	13	58	10	14	63									
11	11	54	11	12	59	11	13	64	11	14	69	11	15	74									
12	12	65	12	13	70	12	14	75	12	15	81	12	16	86									
13	13	76	13	14	82	13	15	88	13	16	93	13	17	99									
14	14	88	14	15	94	14	16	101	14	17	107	14	18	113									
15	15	101	15	16	108	15	17	115	15	18	121	15	19	128									
16	16	115	16	17	122	16	18	130	16	19	137	16	20	144									
17	17	130	17	18	138	17	19	145	17	20	153	17	21	161									
18	18	146	18	19	154	18	20	162	18	21	170	18	22	178									
19	19	162	19	20	170	19	21	181	19	22	188	19	23	197									
20	20	180	20	21	189	20	22	198	20	23	207	20	24	216									
21	21	199	21	22	208	21	23	218	21	24	227	21	25	236									
22	22	218	22	23	228	22	24	238	22	25	248	22	26	258									
23	23	238	23	24	249	23	25	259	23	26	269	23	27	280									
24	24	260	24	25	270	24	26	281	24	27	292	24	28	303									
25	25	282	25	26	293	25	27	304	25	28	316	25	29	327									
26	26	305	27	27	329	28	28	353	29	29	379	30	30	406									

# READY RECKONER,

65

SHOWING THE CUBICAL CONTENTS OF SQUARE TIMBER.

## 66 Feet in Length.

Size.			Amt.			Size.			Amt.			Size.			Amt.			Size.			Amt.		
8	8	29	8	9	33	8	10	36	8	11	40	8	12	44	8	13	49	8	14	55	8	15	61
9	9	37	9	10	41	9	11	45	9	12	49	9	13	53	9	14	57	9	15	61	9	16	65
10	10	45	10	11	50	10	12	55	10	13	59	10	14	64	10	15	68	10	16	72	10	17	77
11	11	55	11	12	60	11	13	65	11	14	70	11	15	75	11	16	80	11	17	85	11	18	90
12	12	66	12	13	71	12	14	77	12	15	82	12	16	88	12	17	93	12	18	99	12	19	104
13	13	77	13	14	83	13	15	89	13	16	95	13	17	101	13	18	107	13	19	113	13	20	119
14	14	89	14	15	96	14	16	102	14	17	109	14	18	115	14	19	121	14	20	127	14	21	133
15	15	103	15	16	110	15	17	116	15	18	123	15	19	130	15	20	136	15	21	142	15	22	148
16	16	117	16	17	124	16	18	132	16	19	139	16	20	146	16	21	153	16	22	160	16	23	167
17	17	132	17	18	140	17	19	147	17	20	155	17	21	163	17	22	170	17	23	177	17	24	184
18	18	148	18	19	156	18	20	165	18	21	173	18	22	181	18	23	189	18	24	196	18	25	204
19	19	165	19	20	174	19	21	182	19	22	191	19	23	200	19	24	208	19	25	216	19	26	224
20	20	183	20	21	192	20	22	201	20	23	210	20	24	220	20	25	228	20	26	236	20	27	244
21	21	202	21	22	211	21	23	221	21	24	231	21	25	240	21	26	249	21	27	258	21	28	267
22	22	221	22	23	231	22	24	242	22	25	252	22	26	262	22	27	271	22	28	280	22	29	289
23	23	242	23	24	253	23	25	263	23	26	274	23	27	284	23	28	294	23	29	304	23	30	314
24	24	264	24	25	275	24	26	286	24	27	297	24	28	308	24	29	318	24	30	328	24	31	338
25	25	286	25	26	297	25	27	309	25	28	320	25	29	332	25	30	342	25	31	353	25	32	364
26	26	309	27	27	334	28	28	359	29	29	385	30	30	412	30	31	439	30	32	466	30	33	493

*67 Feet in Length.*

Size.		Amt.	Size.		Amt.	Size.		Amt.	Size.		Amt.	Size.		Amt.	Size.		Amt.	Size.		Amt.
8	8	29	8	9	33	8	10	37	8	11	40	8	12	44	8	13	47	8	14	50
9	9	37	9	10	41	9	11	46	9	12	50	9	13	54	9	14	58	9	15	61
10	10	46	10	11	51	10	12	55	10	13	60	10	14	65	10	15	69	10	16	73
11	11	56	11	12	61	11	13	66	11	14	71	11	15	76	11	16	81	11	17	86
12	12	67	12	13	72	12	14	78	12	15	83	12	16	89	12	17	94	12	18	99
13	13	78	13	14	84	13	15	90	13	16	96	13	17	102	13	18	108	13	19	114
14	14	91	14	15	97	14	16	104	14	17	110	14	18	117	14	19	124	14	20	131
15	15	104	15	16	111	15	17	118	15	18	125	15	19	132	15	20	140	15	21	147
16	16	119	16	17	126	16	18	134	16	19	141	16	20	148	16	21	156	16	22	164
17	17	134	17	18	142	17	19	150	17	20	158	17	21	166	17	22	174	17	23	182
18	18	150	18	19	159	18	20	167	18	21	175	18	22	184	18	23	192	18	24	200
19	19	167	19	20	176	19	21	185	19	22	194	19	23	203	19	24	212	19	25	221
20	20	186	20	21	195	20	22	204	20	23	214	20	24	223	20	25	232	20	26	241
21	21	205	21	22	214	21	23	224	21	24	234	21	25	244	21	26	253	21	27	263
22	22	225	22	23	235	22	24	245	22	25	255	22	26	266	22	27	276	22	28	286
23	23	246	23	24	256	23	25	267	23	26	278	23	27	288	23	28	299	23	29	309
24	24	268	24	25	279	24	26	290	24	27	301	24	28	312	24	29	323	24	30	334
25	25	290	25	26	302	25	27	314	25	28	325	25	29	337	25	30	348	25	31	359
26	26	314	26	27	339	26	28	364	26	29	391	26	30	418	26	31	446	26	32	475



# READY RECKONER,

67

SHOWING THE CUBICAL CONTENTS OF SQUARE TIMBER.

*68 Feet in Length.*

Size.		Amt.	Size.		Amt.	Size.		Amt.	Size.		Amt.
8	8	30	8	9	34	8	10	37	8	11	41
9	9	38	9	10	42	9	11	46	9	12	51
10	10	47	10	11	51	10	12	56	10	13	61
11	11	57	11	12	62	11	13	67	11	14	72
12	12	68	12	13	73	12	14	79	12	15	85
13	13	79	13	14	85	13	15	92	13	16	98
14	14	92	14	15	99	14	16	105	14	17	112
15	15	106	15	16	113	15	17	120	15	18	127
16	16	120	16	17	128	16	18	136	16	19	143
17	17	136	17	18	144	17	19	152	17	20	160
18	18	153	18	19	161	18	20	170	18	21	178
19	19	170	19	20	179	19	21	188	19	22	197
20	20	188	20	21	198	20	22	207	20	23	217
21	21	208	21	22	218	21	23	228	21	24	238
22	22	228	22	23	238	22	24	249	22	25	259
23	23	249	23	24	260	23	25	271	23	26	282
24	24	272	24	25	283	24	26	294	24	27	306
25	25	295	25	26	306	25	27	318	25	28	330
26	26	319	27	27	344	28	28	370	29	29	397
									30	30	425

*69 Feet in Length.*

Size.		Amt.	Size.		Amt.	Size.		Amt.	Size.		Amt.	Size.		Amt.	Size.		Amt.	Size.		Amt.
8	8	30	8	9	34	8	10	38	8	11	42	8	12	46	9	9	38	9	10	43
9	9	38	9	10	43	9	11	47	9	12	51	9	13	56	10	10	47	10	11	52
10	10	47	10	11	52	10	12	57	10	13	62	10	14	67	11	11	57	11	12	63
11	11	57	11	12	63	11	13	68	11	14	73	11	15	79	12	12	69	12	13	74
12	12	69	12	13	74	12	14	80	12	15	86	12	16	92	13	13	80	13	14	87
13	13	80	13	14	87	13	15	93	13	16	99	13	17	105	14	14	93	14	15	100
14	14	93	14	15	100	14	16	107	14	17	115	14	18	120	15	15	107	15	16	115
15	15	107	15	16	115	15	17	122	15	18	129	15	19	136	16	16	122	16	17	130
16	16	122	16	17	130	16	18	138	16	19	145	16	20	153	17	17	138	17	18	146
17	17	138	17	18	146	17	19	154	17	20	162	17	21	171	18	18	155	18	19	163
18	18	155	18	19	163	18	20	172	18	21	181	18	22	189	19	19	172	19	20	182
19	19	172	19	20	182	19	21	191	19	22	200	19	23	209	20	20	191	20	21	201
20	20	191	20	21	201	20	22	210	20	23	220	20	24	230	21	21	211	21	22	221
21	21	211	21	22	221	21	23	231	21	24	241	21	25	251	22	22	231	22	23	242
22	22	231	22	23	242	22	24	253	22	25	263	22	26	274	23	23	253	23	24	264
23	23	253	23	24	264	23	25	275	23	26	286	23	27	297	24	24	276	24	25	287
24	24	276	24	25	287	24	26	299	24	27	310	24	28	222	25	25	299	25	26	311
25	25	299	25	26	311	25	27	323	25	28	335	25	29	347	26	26	323	27	27	349
26	26	323	27	27	349	28	28	375	29	29	402	30	30	431						



# READY RECKONER,

69

SHOWING THE CUBICAL CONTENTS OF SQUARE TIMBER.

*70 Feet in Length.*

Size. Amt.			Size. Amt.			Size. Amt.			Size. Amt.			Size. Amt.		
8	8	31	8	9	35	8	10	38	8	11	42	8	12	46
9	9	39	9	10	43	9	11	48	9	12	52	9	13	56
10	10	48	10	11	53	10	12	58	10	13	63	10	14	68
11	11	58	11	12	64	11	13	69	11	14	74	11	15	80
12	12	70	12	13	75	12	14	82	12	15	87	12	16	93
13	13	82	13	14	88	13	15	94	13	16	101	13	17	107
14	14	95	14	15	102	14	16	108	14	17	115	14	18	122
15	15	109	15	16	116	15	17	123	15	18	131	15	19	138
16	16	124	16	17	132	16	18	140	16	19	147	16	20	155
17	17	140	17	18	148	17	19	156	17	20	165	17	21	173
18	18	157	18	19	165	18	20	175	18	21	183	18	22	192
19	19	175	19	20	184	19	21	193	19	22	203	19	23	212
20	20	194	20	21	204	20	22	213	20	23	223	20	24	233
21	21	214	21	22	224	21	23	234	21	24	245	21	25	255
22	22	235	22	23	245	22	24	256	22	25	267	22	26	278
23	23	256	23	24	268	23	25	279	23	26	290	23	27	301
24	24	280	24	25	291	24	26	303	24	27	315	24	28	326
25	25	303	25	26	315	25	27	328	25	28	340	25	29	352
26	26	328	27	27	354	28	28	381	29	29	408	30	30	437

*71 Feet in Length.*

Size.		Amt.	Size.		Amt.	Size.		Amt.	Size.		Amt.	Size.		Amt.
8	8	31	8	9	35	8	10	39	8	11	43	8	12	47
9	9	39	9	10	44	9	11	48	9	12	53	9	13	57
10	10	49	10	11	54	10	12	59	10	13	64	10	14	69
11	11	59	11	12	65	11	13	70	11	14	75	11	15	81
12	12	71	12	13	76	12	14	82	12	15	88	12	16	94
13	13	83	13	14	89	13	15	96	13	16	102	13	17	108
14	14	96	14	15	103	14	16	110	14	17	117	14	18	124
15	15	111	15	16	118	15	17	125	15	18	133	15	19	140
16	16	126	16	17	134	16	18	142	16	19	149	16	20	157
17	17	142	17	18	150	17	19	159	17	20	167	17	21	176
18	18	159	18	19	168	18	20	177	18	21	186	18	22	195
19	19	177	19	20	187	19	21	196	19	22	206	19	23	215
20	20	197	20	21	207	20	22	216	20	23	226	20	24	236
21	21	217	21	22	227	21	23	238	21	24	248	21	25	258
22	22	238	22	23	249	22	24	260	22	25	271	22	26	282
23	23	260	23	24	272	23	25	283	23	26	294	23	27	306
24	24	284	24	25	295	24	26	307	24	27	319	24	28	331
25	25	308	25	26	320	25	27	332	25	28	345	25	29	357
26	26	333	27	27	359	28	28	386	29	29	414	30	30	443

## 71

SHOWING THE CUBICAL CONTENTS OF SQUARE TIMBER.

Size.		Amt.	Size.		Amt.	Size.		Amt.	Size.		Amt.	Size.		Amt.
8	8	32	8	9	36	8	10	40	8	11	44	8	12	48
9	9	40	9	10	45	9	11	49	9	12	54	9	13	58
10	10	50	10	11	55	10	12	60	10	13	65	10	14	70
11	11	60	11	12	66	11	13	71	11	14	77	11	15	82
12	12	72	12	13	78	12	14	84	12	15	90	12	16	96
13	13	84	13	14	91	13	15	97	13	16	104	13	17	110
14	14	98	14	15	105	14	16	112	14	17	119	14	18	126
15	15	112	15	16	120	15	17	127	15	18	135	15	19	142
16	16	128	16	17	136	16	18	144	16	19	152	16	20	160
17	17	144	17	18	153	17	19	161	17	20	170	17	21	178
18	18	162	18	19	171	18	20	180	18	21	189	18	22	198
19	19	180	19	20	190	19	21	199	19	22	209	19	23	218
20	20	200	20	21	210	20	22	220	20	23	230	20	24	240
21	21	220	21	22	231	21	23	241	21	24	252	21	25	262
22	22	242	22	23	253	22	24	264	22	25	275	22	26	286
23	23	264	23	24	276	23	25	287	23	26	299	23	27	310
24	24	288	24	25	300	24	26	312	24	27	324	24	28	336
25	25	312	25	26	325	25	27	337	25	28	350	25	29	362
26	26	338	27	27	364	28	28	392	29	29	420	30	30	450

*73 Feet in Length.*

Size.		Amt.	Size.		Amt.	Size.		Amt.	Size.		Amt.	Size.		Amt.	Size.		Amt.
8	8	32	8	9	36	8	10	40	8	11	44	8	12	48			
9	9	41	9	10	45	9	11	50	9	12	54	9	13	59			
10	10	50	10	11	55	10	12	60	10	13	65	10	14	70			
11	11	61	11	12	66	11	13	72	11	14	78	11	15	83			
12	12	73	12	13	79	12	14	85	12	15	91	12	16	97			
13	13	85	13	14	92	13	15	98	13	16	105	13	17	112			
14	14	99	14	15	106	14	16	113	14	17	121	14	18	127			
15	15	114	15	16	121	15	17	129	15	18	136	15	19	144			
16	16	129	16	17	137	16	18	146	16	19	154	16	20	162			
17	17	146	17	18	155	17	19	164	17	20	172	17	21	180			
18	18	164	18	19	173	18	20	182	18	21	191	18	22	200			
19	19	183	19	20	192	19	21	202	19	22	211	19	23	221			
20	20	202	20	21	212	20	22	223	20	23	233	20	24	243			
21	21	223	21	22	233	21	23	244	21	24	255	21	25	266			
22	22	245	22	23	256	22	24	267	22	25	278	22	26	289			
23	23	268	23	24	279	23	25	291	23	26	303	23	27	314			
24	24	292	24	25	304	24	26	316	24	27	328	24	28	340			
25	25	316	25	26	329	25	27	342	25	28	354	25	29	367			
26	26	342	27	27	369	28	28	397	29	29	426	30	30	456			

# READY RECKONER,

73

SHOWING THE CUBICAL CONTENTS OF SQUARE TIMBER.

*74 Feet in Length.*

Size.			Amt.			Size.			Amt.			Size.			Amt.			Size.			Amt.		
8	8	32	8	9	37	8	10	41	8	11	45	8	12	49	8	13	51	8	14	55	8	15	59
9	9	41	9	10	46	9	11	50	9	12	55	9	13	60	9	14	65	9	15	70	9	16	75
10	10	51	10	11	56	10	12	61	10	13	66	10	14	71	10	15	76	10	16	81	10	17	86
11	11	62	11	12	67	11	13	73	11	14	79	11	15	84	11	16	89	11	17	94	11	18	99
12	12	74	12	13	80	12	14	86	12	15	92	12	16	98	12	17	103	12	18	109	12	19	114
13	13	86	13	14	93	13	15	100	13	16	106	13	17	113	13	18	119	13	19	125	13	20	131
14	14	100	14	15	107	14	16	115	14	17	122	14	18	129	14	19	136	14	20	143	14	21	150
15	15	115	15	16	123	15	17	131	15	18	138	15	19	146	15	20	153	15	21	160	15	22	167
16	16	131	16	17	139	16	18	148	16	19	156	16	20	164	16	21	171	16	22	179	16	23	186
17	17	148	17	18	157	17	19	165	17	20	174	17	21	183	17	22	191	17	23	199	17	24	207
18	18	166	18	19	175	18	20	185	18	21	194	18	22	203	18	23	211	18	24	220	18	25	228
19	19	185	19	20	195	19	21	205	19	22	214	19	23	224	19	24	233	19	25	242	19	26	251
20	20	205	20	21	215	20	22	226	20	23	236	20	24	246	20	25	255	20	26	265	20	27	274
21	21	226	21	22	237	21	23	248	21	24	259	21	25	269	21	26	279	21	27	289	21	28	299
22	22	248	22	23	260	22	24	271	22	25	282	22	26	293	22	27	303	22	28	313	22	29	323
23	23	271	23	24	283	23	25	295	23	26	307	23	27	319	23	28	330	23	29	341	23	30	351
24	24	296	24	25	308	24	26	320	24	27	333	24	28	345	24	29	357	24	30	369	24	31	381
25	25	321	25	26	333	25	27	346	25	28	359	25	29	372	25	30	384	25	31	396	25	32	408
26	26	347	26	27	374	26	28	402	26	29	432	26	30	462	26	31	491	26	32	521	26	33	551



*75 Feet in Length.*

Size.		Amt.	Size.		Amt.	Size.		Amt.	Size.		Amt.	Size.		Amt.
8	8	33	8	9	37	8	10	41	8	11	45	8	12	50
9	9	42	9	10	46	9	11	51	9	12	56	9	13	60
10	10	52	10	11	57	10	12	62	10	13	67	10	14	72
11	11	63	11	12	68	11	13	74	11	14	80	11	15	85
12	12	75	12	13	81	12	14	87	12	15	93	12	16	100
13	13	88	13	14	94	13	15	101	13	16	108	13	17	115
14	14	102	14	15	109	14	16	116	14	17	124	14	18	131
15	15	117	15	16	125	15	17	132	15	18	140	15	19	148
16	16	133	16	17	141	16	18	150	16	19	158	16	20	166
17	17	150	17	18	159	17	19	168	17	20	177	17	21	185
18	18	168	18	19	178	18	20	187	18	21	196	18	22	206
19	19	188	19	20	197	19	21	207	19	22	217	19	23	227
20	20	208	20	21	218	20	22	229	20	23	239	20	24	250
21	21	229	21	22	240	21	23	251	21	24	262	21	25	273
22	22	252	22	23	263	22	24	275	22	25	286	22	26	297
23	23	275	23	24	287	23	25	299	23	26	311	23	27	323
24	24	300	24	25	312	24	26	325	24	27	337	24	28	350
25	25	325	25	26	338	25	27	351	25	28	364	25	29	377
26	26	352	27	27	379	28	28	408	29	29	438	30	30	468



# READY RECKONER,

75

SHOWING THE CUBICAL CONTENTS OF SQUARE TIMBER.

*76 Feet in Length.*

Size.		Amt.	Size.		Amt.	Size.		Amt.	Size.		Amt.	Size.		Amt.
8	8	33	8	9	38	8	10	42	8	11	46	8	12	50
9	9	42	9	10	47	9	11	52	9	12	57	9	13	61
10	10	52	10	11	58	10	12	63	10	13	68	10	14	73
11	11	63	11	12	69	11	13	75	11	14	81	11	15	87
12	12	76	12	13	82	12	14	88	12	15	95	12	16	101
13	13	89	13	14	96	13	15	102	13	16	109	13	17	116
14	14	103	14	15	110	14	16	118	14	17	125	14	18	133
15	15	118	15	16	126	15	17	134	15	18	142	15	19	150
16	16	135	16	17	143	16	18	152	16	19	160	16	20	168
17	17	152	17	18	161	17	19	170	17	20	179	17	21	188
18	18	171	18	19	180	18	20	190	18	21	199	18	22	209
19	19	190	19	20	200	19	21	210	19	22	220	19	23	230
20	20	210	20	21	221	20	22	232	20	23	242	20	24	253
21	21	232	21	22	243	21	23	254	21	24	266	21	25	277
22	22	255	22	23	267	22	24	278	22	25	290	22	26	301
23	23	279	23	24	291	23	25	303	23	26	315	23	27	327
24	24	304	24	25	316	24	26	329	24	27	342	24	28	354
25	25	329	25	26	343	25	27	356	25	28	369	25	29	382
26	26	356	27	27	384	28	28	413	29	29	443	30	30	475

*77 Feet in Length.*

Size.		Amt.	Size.		Amt.	Size.		Amt.	Size.		Amt.	Size.		Amt.
8	8	34	8	9	38	8	10	42	8	11	47	8	12	51
9	9	43	9	10	48	9	11	52	9	12	57	9	13	62
10	10	53	10	11	58	10	12	64	10	13	69	10	14	74
11	11	64	11	12	70	11	13	76	11	14	82	11	15	88
12	12	77	12	13	83	12	14	89	12	15	96	12	16	102
13	13	90	13	14	97	13	15	104	13	16	111	13	17	118
14	14	104	14	15	112	14	16	119	14	17	127	14	18	134
15	15	120	15	16	128	15	17	136	15	18	144	15	19	152
16	16	136	16	17	145	16	18	154	16	19	162	16	20	171
17	17	154	17	18	163	17	19	172	17	20	181	17	21	190
18	18	173	18	19	182	18	20	192	18	21	202	18	22	211
19	19	193	19	20	203	19	21	213	19	22	223	19	23	233
20	20	213	20	21	224	20	22	235	20	23	245	20	24	256
21	21	235	21	22	246	21	23	258	21	24	269	21	25	280
22	22	258	22	23	270	22	24	282	22	25	294	22	26	305
23	23	282	23	24	295	23	25	307	23	26	319	23	27	332
24	24	308	24	25	320	24	26	333	24	27	346	24	28	359
25	25	334	25	26	347	25	27	360	25	28	374	25	29	387
26	26	361	27	27	389	28	28	419	29	29	449	30	30	481

# READY RECKONER,

77

SHOWING THE CUBICAL CONTENTS OF SQUARE TIMBER.

*78 Feet in Length.*

Size.			Amt.			Size.			Amt.			Size.			Amt.			Size.			Amt.		
8	8	34	8	9	39	8	10	43	8	11	47	8	12	52									
9	9	43	9	10	48	9	11	53	9	12	58	9	13	63									
10	10	54	10	11	59	10	12	65	10	13	70	10	14	75									
11	11	65	11	12	71	11	13	77	11	14	83	11	15	89									
12	12	78	12	13	84	12	14	91	12	15	97	12	16	104									
13	13	91	13	14	98	13	15	105	13	16	112	13	17	119									
14	14	106	14	15	113	14	16	121	14	17	129	14	18	136									
15	15	121	15	16	130	15	17	138	15	18	146	15	19	154									
16	16	138	16	17	147	16	18	156	16	19	164	16	20	173									
17	17	156	17	18	165	17	19	175	17	20	184	17	21	193									
18	18	175	18	19	185	18	20	195	18	21	204	18	22	214									
19	19	195	19	20	205	19	21	216	19	22	226	19	23	236									
20	20	216	20	21	227	20	22	238	20	23	249	20	24	260									
21	21	238	21	22	250	21	23	261	21	24	273	21	25	284									
22	22	262	22	23	274	22	24	286	22	25	297	22	26	309									
23	23	286	23	24	299	23	25	311	23	26	323	23	27	336									
24	24	312	24	25	325	24	26	338	24	27	351	24	28	364									
25	25	338	25	26	352	25	27	365	25	28	379	25	29	392									
26	26	366	27	27	394	28	28	424	29	29	455	30	30	487									

*79 Feet in Length.*

Size.		Amt.	Size.		Amt.	Size.		Amt.	Size.		Amt.	Size.		Amt.	Size.		Amt.
8	8	35	8	9	39	8	10	43	8	11	48	8	12	52			
9	9	44	9	10	49	9	11	54	9	12	59	9	13	64			
10	10	54	10	11	60	10	12	65	10	13	71	10	14	76			
11	11	66	11	12	72	11	13	78	11	14	84	11	15	90			
12	12	79	12	13	85	12	14	92	12	15	98	12	16	105			
13	13	92	13	14	99	13	15	106	13	16	114	13	17	121			
14	14	107	14	15	115	14	16	122	14	17	130	14	18	138			
15	15	123	15	16	131	15	17	139	15	18	148	15	19	156			
16	16	140	16	17	149	16	18	158	16	19	166	16	20	175			
17	17	158	17	18	167	17	19	177	17	20	186	17	21	195			
18	18	177	18	19	187	18	20	197	18	21	207	18	22	217			
19	19	198	19	20	208	19	21	218	19	22	229	19	23	239			
20	20	219	20	21	230	20	22	241	20	23	252	20	24	263			
21	21	241	21	22	253	21	23	264	21	24	276	21	25	288			
22	22	265	22	23	277	22	24	289	22	25	301	22	26	313			
23	23	290	23	24	302	23	25	315	23	26	328	23	27	340			
24	24	316	24	25	329	24	26	342	24	27	355	24	28	368			
25	25	342	25	26	356	25	27	370	25	28	384	25	29	397			
26	26	370	27	27	399	28	28	430	29	29	461	30	30	493			

# READY RECKONER,

79

SHOWING THE CUBICAL CONTENTS OF SQUARE TIMBER.

## 80 Feet in Length.

Size.			Amt.			Size.			Amt.			Size.			Amt.			Size.			Amt.		
8	8	35	8	9	40	8	10	44	8	11	48	8	12	53	8	13	58	8	14	63	8	15	68
9	9	45	9	10	50	9	11	55	9	12	60	9	13	65	9	14	70	9	15	75	9	16	80
10	10	55	10	11	61	10	12	66	10	13	72	10	14	77	10	15	83	10	16	88	10	17	93
11	11	67	11	12	73	11	13	79	11	14	85	11	15	91	11	16	97	11	17	103	11	18	109
12	12	80	12	13	86	12	14	93	12	15	100	12	16	106	12	17	113	12	18	120	12	19	127
13	13	93	13	14	101	13	15	108	13	16	115	13	17	122	13	18	130	13	19	137	13	20	145
14	14	108	14	15	116	14	16	124	14	17	132	14	18	140	14	19	148	14	20	156	14	21	164
15	15	125	15	16	133	15	17	141	15	18	150	15	19	158	15	20	167	15	21	175	15	22	184
16	16	142	16	17	151	16	18	160	16	19	169	16	20	177	16	21	186	16	22	195	16	23	204
17	17	160	17	18	170	17	19	179	17	20	188	17	21	198	17	22	207	17	23	216	17	24	226
18	18	180	18	19	190	18	20	200	18	21	210	18	22	220	18	23	230	18	24	240	18	25	250
19	19	200	19	20	211	19	21	221	19	22	232	19	23	242	19	24	253	19	25	263	19	26	274
20	20	222	20	21	233	20	22	244	20	23	255	20	24	266	20	25	277	20	26	288	20	27	299
21	21	245	21	22	256	21	23	268	21	24	280	21	25	291	21	26	303	21	27	314	21	28	326
22	22	268	22	23	281	22	24	293	22	25	305	22	26	317	22	27	329	22	28	341	22	29	353
23	23	293	23	24	306	23	25	319	23	26	332	23	27	345	23	28	358	23	29	371	23	30	384
24	24	320	24	25	333	24	26	346	24	27	360	24	28	373	24	29	387	24	30	400	24	31	414
25	25	347	25	26	361	25	27	375	25	28	388	25	29	402	25	30	416	25	31	430	25	32	444
26	26	375	26	27	405	26	28	435	26	29	467	26	30	500	26	31	533	26	32	566	26	33	599

## TABLE II.

# BOARD MEASURE.

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### EXPLANATION.

THE following is a carefully and accurately prepared table for computing board measurement. The calculations are correct and reliable, and show at a glance the contents of any sized board from 5 to 32 inches in width, and from 12 to 32 feet in length.

The length of any board will be found in the left-hand column of the page, and the width, in inches, at the head of the table.

To find the number of feet which any board will give, take the length in the left-hand column of the page, and the width at the head of the table; trace the two lines until they meet, and you will have the amount sought for.

*For Example*:—A board 16 feet in length and 16 inches in width contains 21 feet, board measure; while one 32 feet in length and 20 inches in width contains 53 feet.

Should a board, plank, or scantling exceed in length the number of feet contained in any of the following tables, its contents will be found by taking twice what is shown for half its length; and for a shorter length than is given, take half of what is shown for twice its length.

In all cases, in the sawed lumber tables, the fractions of half a foot or less are omitted in the calculation, while those over half a foot are counted as a whole foot.

When measuring green-sawed lumber, the fractions of a foot in the measurement should not be taken into the account, or it will not hold out when seasoned.

See pages 82 and 83, inclusive, for Board Table.



### TABLE III.

## PLANK MEASURE.

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#### EXPLANATION.

THE following table shows at a glance the number of feet, board measure, contained in any sized plank, from 5 to 30 inches in width, and from  $1\frac{1}{4}$  to 4 inches in thickness, (varying in thickness from  $\frac{1}{4}$  to  $\frac{1}{2}$  inch,) and from 12 to 40 feet in length.

To find the number of feet which any plank will give, take the length in the left-hand column of the page, and the width and thickness at the head of the table; trace the two lines until they meet, and you will get the desired amount.

The same rules to be observed as given under head of Board Rule, Table II., page 80.

See pages 84 to 99, inclusive, for Plank Table.

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### TABLE IV.

## SCANTLING MEASURE.

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#### EXPLANATION.

To find the number of feet, board measure, any sized piece of sawed or hewed lumber contains, from 2 to 12 inches square, and from 12 to 40 feet in length, you will see at a glance by taking the length in the left-hand column of the page, and the desired size at the head of the table; trace the two lines until they meet, and you will have the amount sought for.

Observe the same rules as given under head of Board Rule, Table II., page 80.

See pages 100 to 104, inclusive, for Scantling Table.

## READY RECKONER.

## BOARD MEASURE.

Length in feet.	Inches in Width.													
	5	6	7	8	9	10	11	12	13	14	15	16	17	18
12	5	6	7	8	9	10	11	12	13	14	15	16	17	18
13	5	6	8	9	10	11	12	13	14	15	16	17	18	19
14	6	7	8	9	10	12	13	14	15	16	17	19	20	21
15	6	7	9	10	11	12	14	15	16	17	19	20	21	22
16	7	8	9	11	12	13	15	16	17	19	20	21	23	24
17	7	8	10	11	13	14	16	17	18	20	21	23	24	25
18	7	9	10	12	13	15	16	18	19	21	22	24	25	27
19	8	9	11	13	14	16	17	19	21	22	24	25	27	28
20	8	10	12	13	15	17	18	20	22	23	25	27	28	30
21	9	10	12	14	16	17	19	21	23	24	26	28	30	31
22	9	11	13	15	16	18	20	22	24	26	27	29	31	33
23	10	11	13	15	17	19	21	23	25	27	29	31	33	34
24	10	12	14	16	18	20	22	24	26	28	30	32	34	36
25	10	12	15	17	19	21	23	25	27	29	31	33	35	37
26	11	13	15	17	19	22	24	26	28	30	32	35	37	39
27	11	13	16	18	20	22	25	27	29	31	34	36	38	40
28	12	14	16	19	21	23	26	28	30	33	35	37	40	42
29	12	14	17	19	22	24	27	29	31	34	36	39	41	43
30	12	15	17	20	22	25	27	30	32	35	37	40	42	45
31	13	15	18	21	23	26	28	31	34	36	39	41	44	46
32	13	16	19	21	24	27	29	32	35	37	40	43	45	48

# READY RECKONER.

83

## BOARD MEASURE.

Length in feet.	Inches in Width.													
	19	20	21	22	23	24	25	26	27	28	29	30	31	32
12	19	20	21	22	23	24	25	26	27	28	29	30	31	32
13	21	22	23	24	25	26	27	28	29	30	31	32	34	35
14	22	23	24	26	27	28	29	30	31	33	34	35	36	37
15	24	25	26	27	29	30	31	32	34	35	36	37	39	40
16	25	27	28	29	31	32	33	35	36	37	39	40	41	43
17	27	28	30	31	33	34	35	37	38	40	41	42	44	45
18	28	30	31	33	34	36	37	39	40	42	43	45	46	48
19	30	32	33	35	36	38	40	41	43	44	46	47	49	51
20	32	33	35	37	38	40	42	43	45	47	48	50	52	53
21	33	35	37	38	40	42	44	45	47	49	51	52	54	56
22	35	37	38	40	42	44	46	48	49	51	53	55	57	59
23	36	38	40	42	44	46	48	50	52	54	56	57	59	61
24	38	40	42	44	46	48	50	52	54	56	58	60	62	64
25	40	42	44	46	48	50	52	54	56	58	60	62	65	67
26	41	43	45	48	50	52	54	56	58	61	63	65	67	69
27	43	45	47	49	52	54	56	58	61	63	65	67	70	72
28	44	47	49	51	54	56	58	61	63	65	68	70	72	75
29	46	48	51	53	56	58	60	63	65	68	70	72	75	77
30	47	50	52	55	57	60	62	65	67	70	72	75	77	80
31	49	52	54	57	59	62	65	67	70	72	75	77	80	83
32	51	53	56	59	61	64	67	69	72	75	77	80	83	85

## READY RECKONER.

## PLANK MEASURE.

Length in feet.	Width and Thickness in Inches.												
	1½ by 5	1½ by 6	1½ by 7	1½ by 8	1½ by 9	1½ by 10	1½ by 11	1½ by 12	1½ by 13	1½ by 14	1½ by 15	1½ by 16	1½ by 17
12	6	7	9	10	11	12	14	15	16	17	19	20	21
13	7	8	9	11	12	13	15	16	18	19	20	22	23
14	7	9	10	12	13	15	16	17	19	20	22	23	25
15	8	9	10	12	14	16	17	19	20	22	23	25	26
16	8	10	12	13	15	17	18	20	22	23	25	27	28
17	9	11	12	14	16	18	19	21	23	25	26	28	30
18	9	11	13	15	17	19	21	22	24	26	28	30	32
19	10	12	14	16	18	20	22	24	26	28	30	32	34
20	10	12	15	17	19	21	23	25	27	29	31	33	35
21	11	13	15	17	20	22	24	26	28	31	33	35	37
22	11	14	16	18	21	23	25	27	30	32	34	37	39
23	12	14	17	19	21	24	26	29	31	33	36	38	41
24	12	15	17	20	22	25	27	30	32	35	37	40	42
25	13	16	18	21	23	26	29	31	34	36	39	42	44
26	13	16	19	22	25	27	30	32	35	38	41	43	46
27	14	17	20	22	25	28	31	34	36	39	42	45	48
28	15	17	20	23	26	29	32	35	38	41	44	47	50
29	15	18	21	24	27	30	33	36	39	42	45	48	51
30	16	19	22	25	28	31	34	37	41	44	47	50	53
31	16	19	23	26	29	32	35	39	42	45	48	52	55
32	17	20	23	27	30	33	37	40	43	47	50	53	57
33	17	21	24	27	31	34	38	41	45	48	51	55	58
34	18	21	25	28	32	35	39	42	46	50	53	57	60
35	18	22	25	29	33	36	40	44	47	51	55	58	62
36	19	22	26	30	34	37	41	45	49	52	56	60	64
37	19	23	27	31	35	38	42	46	50	54	58	62	65
38	20	24	28	32	36	40	43	47	51	55	59	63	67
39	20	24	28	32	36	41	45	49	53	57	61	65	69
40	21	25	29	33	37	42	46	50	54	58	62	67	71

# READY RECKONER.

85

## PLANK MEASURE.

Length in feet.	Width and Thickness in Inches.													
	1½ by 18	1½ by 19	1½ by 20	1½ by 21	1½ by 22	1½ by 23	1½ by 24	1½ by 25	1½ by 26	1½ by 27	1½ by 28	1½ by 29	1½ by 30	
	18	19	20	21	22	23	24	25	26	27	28	29	30	
12	22	24	25	26	27	29	30	31	32	34	35	36	37	
13	24	26	27	28	30	30	32	34	35	36	38	39	41	
14	26	28	29	31	32	33	35	36	38	39	41	42	44	
15	28	30	31	33	34	36	37	39	41	42	44	45	47	
16	30	32	33	35	37	38	40	42	43	45	47	48	50	
17	32	34	35	37	39	41	42	44	46	48	50	51	53	
18	34	36	37	39	41	43	45	47	49	51	52	54	56	
19	36	38	40	41	43	45	47	49	51	53	55	57	59	
20	37	40	42	44	46	48	50	52	54	56	58	60	62	
21	39	42	44	46	48	50	52	55	57	59	61	63	66	
22	41	44	46	48	50	53	55	57	60	62	64	66	69	
23	43	45	48	50	53	55	57	60	62	65	67	69	72	
24	45	47	50	52	55	57	60	62	65	67	70	72	75	
25	47	49	52	55	57	60	62	65	68	70	73	75	78	
26	49	51	54	57	60	62	65	68	70	73	76	78	81	
27	51	53	56	59	62	65	67	70	73	76	79	81	84	
28	52	55	58	61	64	67	70	73	76	79	82	85	87	
29	54	57	60	63	66	69	72	75	78	81	85	88	91	
30	56	59	62	66	69	72	75	78	81	84	88	91	94	
31	58	61	65	68	71	74	77	81	84	87	91	94	97	
32	60	63	67	70	73	77	80	83	87	90	94	97	100	
33	62	65	69	72	76	79	82	86	89	93	96	100	103	
34	64	67	71	74	78	81	85	88	92	96	99	103	106	
35	66	69	73	76	80	84	87	91	95	98	102	106	109	
36	67	71	75	79	82	86	90	94	97	101	105	109	112	
37	69	73	77	81	85	89	92	96	100	104	108	112	116	
38	71	75	79	83	87	91	95	99	103	107	111	115	119	
39	73	77	81	85	89	93	97	101	106	110	114	118	122	
40	75	79	83	87	92	96	100	104	108	112	117	121	125	

## READY RECKONER.

## PLANK MEASURE.

Length in feet.	Width and Thickness in Inches.												
	1½ by 5	1½ by 6	1½ by 7	1½ by 8	1½ by 9	1½ by 10	1½ by 11	1½ by 12	1½ by 13	1½ by 14	1½ by 15	1½ by 16	1½ by 17
12	7	9	10	12	13	15	16	18	19	21	22	24	25
13	8	10	11	13	15	16	18	19	21	23	24	26	28
14	9	10	12	14	16	17	19	21	23	24	26	28	30
15	9	11	13	15	17	19	21	22	24	26	28	30	32
16	10	12	14	16	18	20	22	24	26	28	30	32	34
17	11	13	15	17	19	21	23	25	28	30	32	34	36
18	11	13	16	18	20	22	25	27	29	31	34	36	38
19	12	14	17	19	21	24	26	28	31	33	35	38	40
20	12	15	17	20	22	25	27	30	32	35	37	40	42
21	13	16	18	21	24	26	29	31	34	37	39	42	45
22	14	16	19	22	25	27	30	33	36	38	41	44	47
23	14	17	20	23	26	29	32	34	37	40	43	46	49
24	15	18	21	24	27	30	33	36	39	42	45	48	51
25	16	19	22	25	28	31	34	37	41	44	47	50	53
26	16	19	23	26	29	32	36	39	42	45	49	52	55
27	17	20	24	27	30	34	37	40	44	47	50	54	57
28	17	21	24	28	31	35	38	42	45	49	52	56	59
29	18	22	25	29	33	36	40	43	47	51	54	58	62
30	19	22	26	30	34	37	41	45	49	52	56	60	64
31	19	23	27	31	35	39	43	46	50	54	58	62	66
32	20	24	28	32	36	40	44	48	52	56	60	64	68
33	21	25	29	33	37	41	45	49	54	58	62	66	70
34	21	25	30	34	38	42	47	51	55	59	64	68	72
35	22	26	31	35	39	44	48	52	57	61	65	70	74
36	22	27	31	36	40	45	49	54	58	62	67	72	76
37	23	28	32	37	42	46	51	55	60	64	69	74	79
38	24	28	33	38	43	47	52	57	62	66	71	76	81
39	24	29	34	39	44	49	54	58	63	68	73	78	83
40	25	30	35	40	45	50	55	60	65	70	75	80	85



# READY RECKONER.

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## PLANK MEASURE.

Length in feet.	Width and Thickness in Inches.													
	1½ by 18	1½ by 19	1½ by 20	1½ by 21	1½ by 22	1½ by 23	1½ by 24	1½ by 25	1½ by 26	1½ by 27	1½ by 28	1½ by 29	1½ by 30	
12	27	28	30	31	33	34	36	37	39	40	42	43	45	
13	29	31	32	34	36	37	39	40	42	44	45	47	49	
14	31	33	35	37	38	40	42	44	45	47	49	51	52	
15	34	36	37	39	41	43	45	47	49	51	52	54	56	
16	36	38	40	42	44	46	48	50	52	54	56	58	60	
17	38	40	42	45	47	49	51	53	55	57	59	62	64	
18	40	43	45	47	49	52	54	56	58	61	63	65	67	
19	43	45	47	50	52	55	57	59	62	64	66	69	71	
20	45	47	50	52	55	57	60	62	65	67	70	72	75	
21	47	50	52	55	58	60	63	65	68	70	73	76	79	
22	49	52	55	58	60	63	66	69	71	73	77	80	82	
23	52	55	57	60	63	66	69	72	75	78	80	83	86	
24	54	57	60	63	66	69	72	75	78	81	84	87	90	
25	56	59	62	66	69	72	75	78	81	84	87	91	94	
26	58	62	65	68	71	75	78	81	84	88	91	94	97	
27	61	64	67	71	74	78	81	84	88	91	94	98	101	
28	63	66	70	73	77	80	84	87	91	94	98	101	105	
29	65	69	72	76	80	83	87	90	94	98	101	105	109	
30	67	71	75	79	82	86	90	94	97	101	105	109	112	
31	70	74	77	81	85	89	93	97	101	104	108	112	116	
32	72	76	80	84	88	92	96	100	104	108	112	116	120	
33	74	78	82	86	91	95	99	103	107	111	115	120	124	
34	76	81	85	89	93	98	102	106	110	115	119	123	127	
35	79	83	87	92	96	101	105	109	114	118	122	127	131	
36	81	85	90	94	99	103	108	112	117	121	126	130	135	
37	83	88	92	97	102	106	111	116	120	125	129	134	139	
38	85	90	95	100	104	109	114	119	123	128	133	138	142	
39	88	93	97	102	107	112	117	122	127	131	136	141	146	
40	90	95	100	105	110	115	120	125	130	135	140	145	150	

## READY RECKONER.

## PLANK MEASURE.

Length in feet.	Width and Thickness in Inches.												
	1½ by 5	1½ by 6	1½ by 7	1½ by 8	1½ by 9	1½ by 10	1½ by 11	1½ by 12	1½ by 13	1½ by 14	1½ by 15	1½ by 16	1½ by 17
12	9	10	12	14	16	17	19	21	23	24	26	28	30
13	9	11	13	15	17	19	21	23	25	26	28	30	32
14	10	12	14	16	18	20	22	24	26	29	31	33	35
15	11	13	15	17	20	22	24	26	28	31	33	35	37
16	12	14	16	19	21	23	26	28	30	33	35	37	40
17	12	15	17	20	22	25	27	30	32	35	37	40	42
18	13	16	18	21	24	26	29	31	34	37	39	42	45
19	14	17	19	22	25	28	30	33	36	39	41	44	47
20	15	17	20	23	26	29	32	35	38	41	44	47	50
21	15	18	21	24	27	31	34	37	40	43	46	49	52
22	16	19	22	26	29	32	35	38	42	45	48	51	54
23	17	20	23	27	30	33	37	40	44	47	50	54	57
24	17	21	24	28	31	35	38	42	45	49	52	56	59
25	18	22	25	29	33	36	40	44	47	51	55	58	62
26	19	23	26	30	34	38	42	45	49	53	57	61	64
27	20	24	27	31	35	39	43	47	51	55	59	63	67
28	20	24	29	33	37	41	45	49	53	57	61	65	69
29	21	25	30	34	38	42	47	51	55	59	63	68	72
30	22	26	31	35	39	43	48	52	57	61	65	70	74
31	23	27	32	36	41	45	50	54	59	63	68	72	77
32	23	28	33	37	42	47	51	56	61	65	70	75	79
33	24	29	34	38	43	48	53	58	63	67	72	77	82
34	25	30	35	40	45	49	55	59	64	69	74	79	84
35	25	31	36	41	46	51	56	61	66	71	76	82	87
36	26	31	37	42	47	52	58	63	68	73	79	84	89
37	27	32	38	43	48	54	59	65	70	75	81	86	92
38	28	33	39	44	50	55	61	66	72	77	83	89	94
39	28	34	40	45	51	57	63	68	74	80	85	91	97
40	29	35	41	47	52	58	64	70	76	82	87	93	99

# READY RECKONER.

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## PLANK MEASURE.

Length in feet.	Width and Thickness in Inches.												
	1½ by 18	1½ by 19	1½ by 20	1½ by 21	1½ by 22	1½ by 23	1½ by 24	1½ by 25	1½ by 26	1½ by 27	1½ by 28	1½ by 29	1½ by 30
12	31	33	35	37	38	40	42	44	45	47	49	51	52
13	34	36	38	40	42	44	45	47	49	51	53	54	57
14	37	39	41	43	45	47	49	51	53	55	57	59	61
15	39	41	44	46	48	50	52	55	57	59	61	63	66
16	42	44	47	49	51	54	56	58	61	63	65	68	70
17	45	47	50	52	54	57	59	62	64	67	69	72	74
18	47	50	52	55	58	60	63	66	68	71	73	76	79
19	50	53	55	58	61	64	66	69	72	75	78	80	83
20	52	55	58	61	64	67	70	73	76	80	82	85	87
21	55	58	61	64	67	70	73	76	80	83	86	89	92
22	58	61	64	67	71	74	77	80	83	87	90	93	96
23	60	64	67	70	74	77	80	84	87	90	94	97	101
24	63	66	70	74	77	81	84	88	91	94	98	101	105
25	66	69	73	77	80	84	87	91	95	98	102	106	109
26	68	72	76	80	83	87	91	95	99	102	106	110	114
27	71	74	79	83	87	91	94	98	102	106	110	114	118
28	73	77	82	86	90	94	98	102	106	110	114	118	122
29	76	80	85	89	93	97	101	106	110	114	118	123	127
30	79	83	87	92	96	101	105	109	114	118	122	127	131
31	81	85	90	95	99	104	108	113	118	122	127	131	136
32	84	88	93	98	103	107	112	117	121	126	131	135	140
33	87	91	96	101	106	111	115	120	125	130	135	139	144
34	89	93	99	104	109	114	119	124	129	134	139	144	149
35	92	95	102	107	112	117	122	128	133	138	143	148	153
36	94	98	105	110	115	121	126	131	136	142	147	152	157
37	97	101	108	114	119	124	129	135	140	146	151	156	162
38	100	104	111	117	122	127	133	138	144	150	155	161	166
39	102	107	114	120	125	131	136	142	148	154	159	165	171
40	105	109	117	123	128	134	140	146	152	158	163	169	175

## READY RECKONER.

## PLANK MEASURE.

Length in feet.	Width and Thickness in Inches.													
	2 by 5	2 by 6	2 by 7	2 by 8	2 by 9	2 by 10	2 by 11	2 by 12	2 by 13	2 by 14	2 by 15	2 by 16	2 by 17	
12	10	12	14	16	18	20	22	24	26	28	30	32	34	
13	11	13	15	17	19	22	24	26	28	30	32	35	37	
14	12	14	16	19	21	23	26	28	30	33	35	37	40	
15	12	15	17	20	22	25	27	30	32	35	37	40	42	
16	13	16	19	21	24	27	29	32	35	37	40	43	45	
17	14	17	20	23	25	28	31	34	37	40	42	45	48	
18	15	18	21	24	27	30	33	36	39	42	45	48	51	
19	16	19	22	25	28	32	35	38	41	44	47	50	54	
20	17	20	23	27	30	33	37	40	43	47	50	53	57	
21	17	21	24	28	31	35	38	42	45	49	52	56	59	
22	18	22	26	29	33	37	40	44	48	51	55	59	62	
23	19	23	27	31	34	38	42	46	50	54	57	61	65	
24	20	24	28	32	36	40	44	48	52	56	60	64	68	
25	21	25	29	33	37	42	46	50	54	58	62	67	71	
26	22	26	30	35	39	43	48	52	56	61	65	69	74	
27	22	27	31	36	40	45	49	54	59	63	67	72	76	
28	23	28	33	37	42	47	51	56	61	65	70	75	79	
29	24	29	34	39	43	48	53	58	63	68	72	77	82	
30	25	30	35	40	45	50	55	60	65	70	75	80	85	
31	26	31	36	41	46	52	57	62	67	72	77	83	88	
32	27	32	37	43	48	53	59	64	69	75	80	85	91	
33	27	33	38	44	49	55	60	66	71	77	82	88	93	
34	28	34	40	45	51	57	62	68	74	79	85	91	96	
35	29	35	41	47	52	58	64	70	76	82	87	93	99	
36	30	36	42	48	54	60	66	72	78	84	90	96	102	
37	31	37	43	49	55	62	68	74	80	86	92	99	105	
38	32	38	44	51	57	63	70	76	82	89	95	101	108	
39	32	39	45	52	58	65	71	78	84	91	97	104	110	
40	33	40	47	53	60	67	73	80	87	93	100	107	113	

# READY RECKONER.

91

## PLANK MEASURE.

Length in feet.	Width and Thickness in Inches.												
	2 by 18	2 by 19	2 by 20	2 by 21	2 by 22	2 by 23	2 by 24	2 by 25	2 by 26	2 by 27	2 by 28	2 by 29	2 by 30
12	36	38	40	42	44	46	48	50	52	54	56	58	60
13	39	41	43	45	48	50	52	54	56	58	61	63	65
14	42	44	47	49	51	54	56	58	61	63	65	68	70
15	45	47	50	52	55	57	60	62	65	67	70	72	75
16	48	51	53	56	59	61	64	67	69	72	75	77	80
17	51	54	57	59	62	65	68	71	74	76	79	82	85
18	54	57	60	63	66	69	72	75	78	81	84	87	90
19	57	60	63	66	70	73	76	79	82	85	89	92	95
20	60	63	67	70	73	77	80	83	87	90	93	97	100
21	63	66	70	73	77	80	84	87	91	94	98	101	105
22	66	70	73	77	81	84	88	92	95	99	103	106	110
23	69	73	77	80	84	88	92	96	100	103	107	111	115
24	72	76	80	84	88	92	96	100	104	108	112	116	120
25	75	79	83	87	92	96	100	104	108	112	117	121	125
26	78	82	87	91	95	100	104	108	113	117	121	126	130
27	81	85	90	94	99	103	108	112	117	121	126	130	135
28	84	89	93	98	103	107	112	117	121	126	131	135	140
29	87	92	97	101	106	111	116	121	126	130	135	140	145
30	90	95	100	105	110	115	120	125	130	135	140	145	150
31	93	98	103	108	114	119	124	129	134	139	145	150	155
32	96	101	107	112	117	123	128	133	139	144	149	155	160
33	99	104	110	115	121	126	132	137	143	148	154	159	165
34	102	108	113	119	125	130	136	141	147	153	159	164	170
35	105	111	117	122	128	134	140	146	152	157	163	169	175
36	108	114	120	126	132	138	144	150	156	162	168	174	180
37	111	117	123	129	136	142	148	154	160	166	173	179	185
38	114	120	127	133	139	146	152	158	165	171	177	184	190
39	117	123	130	136	143	149	156	162	169	175	182	188	195
40	120	127	133	140	147	153	160	167	173	180	187	193	200

## READY RECKONER.

## PLANK MEASURE.

Length in feet.	Width and Thickness in Inches.												
	2½ by 5	2½ by 6	2½ by 7	2½ by 8	2½ by 9	2½ by 10	2½ by 11	2½ by 12	2½ by 13	2½ by 14	2½ by 15	2½ by 16	2½ by 17
12	12	15	17	20	22	25	27	30	32	35	37	40	42
13	13	16	19	22	24	27	30	32	35	38	40	43	46
14	15	17	20	23	26	29	32	35	38	41	44	47	50
15	16	19	22	25	28	31	34	37	41	44	47	50	53
16	17	20	23	27	30	33	37	40	43	47	50	53	57
17	18	21	25	28	32	35	39	42	46	49	53	57	60
18	19	22	26	30	34	37	41	45	49	52	56	60	64
19	20	24	28	32	36	40	43	47	51	55	59	63	67
20	21	25	29	33	37	42	46	50	54	58	62	67	71
21	22	26	31	35	39	44	48	52	57	61	65	70	74
22	23	27	32	37	41	46	50	55	60	64	69	73	78
23	24	29	33	38	43	48	53	57	62	67	72	77	81
24	25	30	35	40	45	50	55	60	65	70	75	80	85
25	26	31	36	42	47	52	57	62	68	73	78	83	89
26	27	32	38	43	49	54	60	65	70	76	81	87	92
27	28	34	39	45	51	56	62	67	73	79	84	90	96
28	29	35	41	47	52	58	64	70	76	82	87	93	99
29	30	36	42	48	54	60	66	72	79	85	91	97	103
30	31	37	44	50	56	62	69	75	81	87	94	100	106
31	32	39	45	52	58	65	71	77	84	90	97	103	110
32	33	40	47	53	60	67	73	80	86	93	100	107	113
33	34	41	48	55	62	69	76	82	89	96	103	110	117
34	35	42	50	57	64	71	78	85	92	99	106	113	120
35	36	44	51	58	66	73	80	87	95	102	109	117	124
36	37	45	52	60	67	75	82	90	97	105	113	120	127
37	38	46	54	62	69	77	85	92	100	108	116	123	131
38	40	47	55	63	71	79	87	95	103	111	119	127	135
39	41	49	57	65	73	81	89	97	106	114	122	130	138
40	42	50	58	67	75	83	92	100	108	117	125	133	142



# READY RECKONER.

93

## PLANK MEASURE.

Length in feet.	Width and Thickness in Inches.												
	2½ by 18	2½ by 19	2½ by 20	2½ by 21	2½ by 22	2½ by 23	2½ by 24	2½ by 25	2½ by 26	2½ by 27	2½ by 28	2½ by 29	2½ by 30
	18	19	20	21	22	23	24	25	26	27	28	29	30
12	45	47	50	52	55	57	60	62	65	67	70	72	75
13	49	51	54	57	59	62	65	67	70	73	76	78	81
14	52	55	58	61	64	67	70	73	76	79	82	85	87
15	56	59	62	65	69	72	75	78	81	84	87	91	94
16	60	63	67	70	73	77	80	83	87	90	93	97	100
17	64	67	71	74	78	81	85	88	92	95	99	103	106
18	67	71	75	79	82	86	90	94	97	101	105	109	112
19	71	75	79	83	87	91	95	99	103	107	111	115	119
20	75	79	83	87	92	96	100	104	108	112	117	121	125
21	79	83	87	92	96	101	105	109	114	118	122	127	131
22	82	87	92	96	101	105	110	115	119	124	128	133	136
23	86	91	96	100	105	110	115	120	125	129	134	139	143
24	90	95	100	105	110	115	120	125	130	135	140	145	150
25	94	99	104	109	114	120	125	130	135	140	146	151	156
26	97	103	108	114	119	125	130	135	141	146	152	157	162
27	101	107	112	118	124	129	135	140	146	152	157	163	169
28	105	111	117	122	128	134	140	146	152	157	163	169	175
29	109	115	121	127	133	139	145	151	157	163	169	175	181
30	112	119	125	131	137	144	150	156	162	169	175	181	187
31	116	123	129	135	142	149	155	161	168	174	181	187	194
32	120	127	133	140	147	153	160	167	173	180	187	193	200
33	124	131	137	144	151	158	165	172	179	186	192	199	206
34	127	135	142	149	156	163	170	177	184	191	198	205	212
35	131	139	146	153	160	168	175	182	190	197	204	211	219
36	135	143	150	157	165	172	180	187	195	203	210	217	225
37	139	147	154	162	170	177	185	193	200	208	216	223	231
38	142	150	158	166	174	182	190	198	206	214	222	230	237
39	146	154	162	171	179	187	195	203	211	220	227	236	243
40	150	158	168	175	183	192	200	208	217	225	233	242	250

## READY RECKONER.

## PLANK MEASURE.

Length in feet.	Width and Thickness in Inches.												
	3 by 5	3 by 6	3 by 7	3 by 8	3 by 9	3 by 10	3 by 11	3 by 12	3 by 13	3 by 14	3 by 15	3 by 16	3 by 17
12	15	18	21	24	27	30	33	36	39	42	45	48	51
13	16	19	23	26	29	32	36	39	42	45	49	52	55
14	17	21	24	28	31	35	38	42	45	49	52	56	59
15	19	22	26	30	34	37	41	45	49	52	56	60	64
16	20	24	28	32	36	40	44	48	52	56	60	64	68
17	21	25	30	34	38	42	47	51	55	59	64	68	72
18	22	27	31	36	40	45	49	54	58	63	67	72	76
19	24	28	33	38	43	47	52	57	62	66	71	76	81
20	25	30	35	40	45	50	55	60	65	70	75	80	85
21	26	31	37	42	47	52	58	63	68	73	79	84	89
22	27	33	38	44	49	55	60	66	71	77	82	88	93
23	29	34	40	46	52	57	63	69	75	80	86	92	98
24	30	36	42	48	54	60	66	72	78	84	90	96	102
25	31	37	44	50	56	62	69	75	81	87	94	100	106
26	32	39	45	52	58	65	71	78	84	91	97	104	110
27	34	40	47	54	61	67	74	81	88	94	101	108	115
28	35	42	49	56	63	70	77	84	91	98	105	112	119
29	36	43	51	58	65	72	80	87	94	101	109	116	123
30	37	45	52	60	67	75	82	90	98	105	112	120	127
31	39	46	54	62	70	77	85	93	101	108	116	124	132
32	40	48	56	64	72	80	88	96	104	112	120	128	136
33	41	49	58	66	74	82	91	99	107	115	124	132	140
34	42	51	59	68	76	85	93	102	111	119	127	136	144
35	44	52	61	70	79	87	96	105	114	122	131	140	149
36	45	54	63	72	81	90	99	108	117	126	135	144	153
37	46	55	65	74	83	92	102	111	120	129	139	148	157
38	47	57	66	76	85	95	104	114	123	133	142	152	161
39	49	58	68	78	88	97	107	117	127	136	146	156	166
40	50	60	70	80	90	100	110	120	130	140	150	160	170

# READY RECKONER.

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## PLANK MEASURE.

Length in feet.	Width and Thickness in Inches.												
	3 by 18	3 by 19	3 by 20	3 by 21	3 by 22	3 by 23	3 by 24	3 by 25	3 by 26	3 by 27	3 by 28	3 by 29	3 by 30
12	54	57	60	63	66	69	72	75	78	81	84	87	90
13	58	62	65	68	71	75	78	81	84	88	91	94	97
14	63	66	70	73	77	80	84	87	91	94	98	101	105
15	67	71	75	79	82	86	90	94	97	101	105	109	112
16	72	76	80	84	88	92	96	100	104	108	112	116	120
17	76	81	85	89	93	98	102	106	110	115	119	123	127
18	81	85	90	94	99	103	108	112	117	121	126	130	135
19	85	90	95	100	104	109	114	119	123	128	133	138	142
20	90	95	100	105	110	115	120	125	130	135	140	145	150
21	94	100	105	110	115	121	126	131	136	142	147	152	157
22	99	104	110	115	121	126	132	137	143	148	154	159	165
23	103	109	115	121	126	132	138	144	149	155	161	167	172
24	108	114	120	126	132	138	144	150	156	162	168	174	180
25	112	119	125	131	138	144	150	156	162	169	175	181	187
26	117	123	130	136	143	149	156	162	169	175	182	188	195
27	121	128	135	142	149	155	162	169	175	182	189	196	202
28	126	133	140	147	154	161	168	175	182	189	196	203	210
29	130	138	145	152	160	167	174	181	188	196	203	210	217
30	135	142	150	157	165	172	180	187	195	202	210	217	225
31	139	147	155	163	171	178	186	194	201	209	217	225	232
32	144	151	160	168	176	184	192	200	208	216	224	232	240
33	149	156	165	173	182	190	198	206	214	223	231	239	247
34	153	161	170	178	187	195	204	212	221	229	238	246	255
35	157	166	175	184	193	201	210	219	227	236	245	254	262
36	162	170	180	189	198	207	216	225	234	243	252	261	270
37	166	175	185	194	204	213	222	231	240	250	259	268	277
38	171	180	190	199	209	218	228	237	247	256	266	275	285
39	175	185	195	204	215	224	234	244	253	263	273	283	292
40	180	190	200	210	220	230	240	250	260	270	280	290	300

## READY RECKONER.

## PLANK MEASURE.

Length in feet.	Width and Thickness in Inches.												
	3½ by 6	3½ by 6	3½ by 7	3½ by 8	3½ by 9	3½ by 10	3½ by 11	3½ by 12	3½ by 13	3½ by 14	3½ by 15	3½ by 16	3½ by 17
	6	6	7	8	9	10	11	12	13	14	15	16	17
12	17	21	24	28	31	35	38	42	45	49	52	56	59
13	19	23	26	30	34	38	42	45	49	53	57	61	64
14	20	24	29	33	37	41	45	49	53	57	61	65	69
15	22	26	31	35	39	44	48	52	57	61	66	70	74
16	23	28	33	37	42	47	51	56	61	65	70	75	79
17	25	30	35	40	45	50	54	59	64	69	74	79	84
18	26	31	37	42	47	52	58	63	68	73	79	84	89
19	28	33	39	44	50	55	61	66	72	77	83	89	94
20	29	35	41	47	52	58	64	70	76	82	87	93	99
21	31	37	43	49	55	61	67	73	80	86	92	98	104
22	32	38	45	51	58	64	71	77	83	90	96	103	109
23	33	40	47	54	60	67	74	80	87	94	100	107	114
24	35	42	49	56	63	70	77	84	91	98	105	112	119
25	36	44	51	58	66	73	80	87	95	102	109	117	124
26	38	45	53	61	68	76	83	91	99	106	114	121	129
27	39	47	55	63	71	79	87	94	102	110	118	126	134
28	41	49	57	65	73	82	90	98	106	114	122	131	139
29	42	51	59	68	76	85	93	101	110	118	127	135	144
30	44	52	61	70	79	87	96	105	114	122	131	140	149
31	45	54	63	72	81	90	99	108	117	126	136	145	154
32	47	56	65	75	84	93	103	112	121	131	140	149	159
33	48	58	67	77	87	96	106	115	125	135	144	154	164
34	50	59	69	79	89	99	109	119	129	139	149	159	169
35	51	61	71	82	92	102	112	122	133	143	153	163	174
36	52	63	73	84	94	105	115	126	136	147	157	168	178
37	54	65	75	86	97	108	119	129	140	151	162	173	183
38	55	66	78	89	100	111	122	133	144	155	166	177	188
39	57	68	80	91	102	114	125	136	148	159	171	182	193
40	58	70	82	93	105	117	128	140	152	163	175	186	198

# READY RECKONER.

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## PLANK MEASURE.

Length in feet.	Width and Thickness in Inches.													
	3½ by 18	3½ by 19	3½ by 20	3½ by 21	3½ by 22	3½ by 23	3½ by 24	3½ by 25	3½ by 26	3½ by 27	3½ by 28	3½ by 29	3½ by 30	
12	63	66	70	73	77	80	84	87	91	94	98	101	105	
13	68	72	76	79	83	87	91	95	99	102	106	110	114	
14	73	78	82	86	90	94	98	102	106	110	114	118	122	
15	79	83	87	92	96	101	105	109	114	118	122	127	131	
16	84	89	93	98	103	107	112	117	121	126	131	135	140	
17	89	94	99	104	109	114	119	124	129	134	139	144	149	
18	94	100	105	110	115	121	126	131	136	142	147	152	157	
19	100	105	111	116	122	127	133	138	144	149	155	161	166	
20	105	111	117	122	128	134	140	146	152	157	163	169	175	
21	110	116	122	128	135	141	147	153	159	165	171	178	184	
22	115	122	128	135	141	148	154	160	167	173	180	186	192	
23	121	127	134	141	147	154	161	167	174	181	188	194	201	
24	126	133	140	147	154	161	168	175	182	189	196	203	210	
25	131	139	146	153	160	168	175	182	190	197	204	211	219	
26	136	144	152	159	167	174	182	190	197	205	212	220	227	
27	142	150	157	165	173	181	189	197	205	213	220	228	236	
28	147	155	163	172	180	188	196	204	212	220	229	237	245	
29	152	161	169	178	186	195	203	211	220	228	237	245	254	
30	157	167	175	184	192	201	210	219	227	236	245	254	262	
31	163	172	181	190	199	208	217	226	235	244	253	262	271	
32	168	177	187	196	205	215	224	233	243	252	261	271	280	
33	173	183	192	202	212	221	231	241	250	260	269	279	289	
34	178	188	198	208	218	228	238	248	258	268	278	287	297	
35	184	194	204	214	225	235	245	255	265	276	286	296	306	
36	189	200	210	221	231	241	252	262	273	283	294	304	315	
37	194	205	216	227	237	248	259	269	281	291	302	312	324	
38	199	211	222	233	244	255	266	277	288	299	310	321	332	
39	205	216	227	239	250	262	273	284	296	307	318	330	341	
40	210	222	233	245	257	268	280	292	303	315	327	338	350	



## READY RECKONER.

## PLANK MEASURE.

Length in feet.	Width and Thickness in Inches.												
	4 by 5	4 by 6	4 by 7	4 by 8	4 by 9	4 by 10	4 by 11	4 by 12	4 by 13	4 by 14	4 by 15	4 by 16	4 by 17
12	20	24	28	32	36	40	44	48	52	56	60	64	68
13	22	26	30	35	39	43	48	52	56	61	65	69	74
14	23	28	33	37	42	47	51	56	61	65	70	75	79
15	25	30	35	40	45	50	55	60	65	70	75	80	85
16	27	32	37	43	48	53	59	64	69	75	80	85	91
17	28	34	40	45	51	57	62	68	74	79	85	91	96
18	30	36	42	48	54	60	66	72	78	84	90	96	102
19	32	38	44	51	57	63	70	76	82	89	95	101	108
20	33	40	47	53	60	67	73	80	87	93	100	107	113
21	35	42	49	56	63	70	77	84	91	98	105	112	119
22	37	44	51	59	66	73	81	88	95	103	110	117	125
23	38	46	54	61	69	77	84	92	100	107	115	123	130
24	40	46	56	64	72	80	88	96	104	112	120	128	136
25	42	50	58	67	75	83	92	100	108	117	125	133	142
26	43	52	61	69	78	87	95	104	113	121	130	139	147
27	45	54	63	72	81	90	99	108	117	126	135	144	153
28	47	56	65	75	84	93	103	112	121	131	140	149	159
29	48	58	68	77	87	97	106	116	126	135	145	155	164
30	50	60	70	80	90	100	110	120	130	140	150	160	170
31	52	62	72	83	93	103	114	124	134	145	155	165	176
32	53	64	75	85	96	107	117	128	139	149	160	171	181
33	55	66	77	88	99	110	121	132	143	154	165	176	187
34	57	68	79	91	102	113	125	136	147	159	170	181	193
35	58	70	82	93	105	117	128	140	152	163	175	187	198
36	60	72	84	96	108	120	132	144	156	168	180	192	204
37	62	74	86	99	111	123	136	148	160	173	185	197	210
38	63	76	89	101	114	127	139	152	165	177	190	203	215
39	65	78	91	104	117	130	143	156	169	182	195	208	221
40	67	80	93	107	120	133	147	160	173	187	200	213	227



# READY RECKONER.

99

## PLANK MEASURE.

Length in feet.	Width and Thickness in Inches.													
	4 by 18	4 by 19	4 by 20	4 by 21	4 by 22	4 by 23	4 by 24	4 by 25	4 by 26	4 by 27	4 by 28	4 by 29	4 by 30	
12	72	76	80	84	88	92	96	100	104	108	112	116	120	
13	78	82	87	91	95	100	104	108	113	117	121	126	130	
14	84	89	93	98	103	107	112	117	121	126	131	135	140	
15	90	95	100	105	110	115	120	125	130	135	140	145	150	
16	96	101	107	112	117	123	128	133	139	144	149	155	160	
17	102	108	113	119	125	130	136	142	147	153	158	164	170	
18	108	114	120	126	132	138	144	150	156	162	168	173	180	
19	114	120	127	133	139	146	152	158	165	171	177	184	190	
20	120	127	133	140	147	153	160	167	173	180	187	193	200	
21	126	133	140	147	154	161	168	175	182	189	196	202	210	
22	132	139	147	154	161	169	176	183	191	198	205	213	220	
23	138	146	153	161	169	176	184	192	199	207	215	222	230	
24	144	152	160	168	176	184	192	200	208	216	224	231	240	
25	150	158	167	175	183	192	200	208	217	225	233	242	250	
26	156	165	173	182	191	199	208	217	225	234	243	251	260	
27	162	171	180	189	198	207	216	225	234	243	252	260	270	
28	168	177	187	196	205	215	224	233	243	252	261	271	280	
29	174	184	193	203	213	222	232	242	251	261	271	280	290	
30	180	190	200	210	220	230	240	250	260	270	280	289	300	
31	186	196	207	217	227	238	248	258	269	279	289	300	310	
32	192	203	213	224	235	245	256	267	277	288	299	309	320	
33	198	209	220	231	242	253	264	275	286	297	308	319	330	
34	204	215	227	238	249	261	272	283	295	306	317	329	340	
35	210	222	233	245	257	268	280	291	303	315	327	338	350	
36	216	228	240	252	264	276	288	300	312	324	336	348	360	
37	222	234	247	259	271	284	296	308	321	333	345	358	370	
38	228	241	253	266	279	291	304	317	329	342	355	367	380	
39	234	247	260	273	286	299	312	325	338	354	364	377	390	
40	240	253	267	280	293	307	320	333	347	360	373	387	400	

## READY RECKONER.

## SCANTLING MEASURE.

Length in feet.	Size in Inches.														
	2 by 2	2 by 3	2 by 4	2 by 5	2 by 6	2 by 7	2 by 8	2 by 9	2 by 10	2 by 11	3 by 3	3 by 4	3 by 5	3 by 6	3 by 7
	2	3	4	5	6	7	8	9	10	11	3	4	5	6	7
12	4	6	8	10	12	14	16	18	20	22	9	12	15	18	21
13	4	6	9	11	13	15	17	19	22	24	10	13	16	19	23
14	5	7	9	12	14	16	19	21	23	26	10	14	17	21	24
15	5	7	10	12	15	17	20	22	25	27	11	15	19	22	26
16	5	8	11	13	16	19	21	24	27	29	12	16	20	24	28
17	6	8	11	14	17	20	23	25	28	31	13	17	21	25	30
18	6	9	12	15	18	21	24	27	30	33	13	18	22	27	31
19	6	9	13	16	19	22	25	28	32	35	14	19	24	28	33
20	7	10	13	17	20	23	27	30	33	37	15	20	25	30	35
21	7	10	14	17	21	24	28	31	35	38	16	21	26	31	37
22	7	11	15	18	22	26	29	33	37	40	16	22	27	33	38
23	8	11	15	19	23	27	31	34	38	42	17	23	29	34	40
24	8	12	16	20	24	28	32	36	40	44	18	24	30	36	42
25	8	12	17	21	25	29	33	37	42	46	19	25	31	37	44
26	9	13	17	22	26	30	35	39	43	48	19	26	32	39	45
27	9	13	18	22	27	31	36	40	45	49	20	27	34	40	47
28	9	14	19	23	28	33	37	42	47	51	21	28	35	42	49
29	10	14	20	24	29	34	39	43	48	53	22	29	36	43	51
30	10	15	20	25	30	35	40	45	50	55	22	30	37	45	52
31	10	15	21	26	31	36	41	46	52	57	23	31	39	46	54
32	11	16	21	27	32	37	43	48	53	59	24	32	40	48	56
33	11	16	22	27	33	38	44	49	55	60	25	33	41	49	58
34	11	17	23	28	34	40	45	51	57	62	25	34	42	51	59
35	12	17	23	29	35	41	47	52	58	64	26	35	44	52	61
36	12	18	24	30	36	42	48	54	60	66	27	36	45	54	63
37	12	18	25	31	37	43	49	55	62	68	28	37	46	55	65
38	13	19	25	32	38	44	51	57	63	70	28	38	47	57	66
39	13	19	26	32	39	45	52	58	65	71	29	39	49	58	68
40	13	20	27	33	40	47	53	60	67	73	30	40	50	60	70

# READY RECKONER.

101

## SCANTLING MEASURE.

Length in feet.	Size in Inches.													
	3 by 8	3 by 9	3 by 10	3 by 11	3 by 12	4 by 4	4 by 5	4 by 6	4 by 7	4 by 8	4 by 9	4 by 10	4 by 11	4 by 12
12	24	27	30	33	36	16	20	24	28	32	36	40	44	48
13	26	29	32	36	39	17	22	26	30	35	39	43	48	52
14	28	31	35	38	42	19	23	28	33	37	42	47	51	56
15	30	34	37	41	45	20	25	30	35	40	45	50	55	60
16	32	36	40	44	48	21	27	32	37	43	48	53	59	64
17	34	38	42	47	51	23	28	34	40	45	51	57	62	68
18	36	40	45	49	54	24	30	36	42	48	54	60	66	72
19	38	43	47	52	57	25	32	38	44	51	57	63	70	76
20	40	45	50	55	60	27	33	40	47	53	60	67	73	80
21	42	47	52	58	63	28	35	42	49	56	63	70	77	84
22	44	49	55	60	66	29	37	44	51	59	66	73	81	88
23	46	52	57	63	69	31	38	46	54	61	69	77	84	92
24	48	54	60	66	72	32	40	48	56	64	72	80	88	96
25	50	56	62	69	75	33	42	50	58	67	75	83	92	100
26	52	58	65	71	78	35	43	52	61	69	78	87	95	104
27	54	61	67	74	81	36	45	54	63	72	81	90	99	108
28	56	63	70	77	84	37	47	56	65	75	84	93	103	112
29	58	65	72	80	87	39	48	58	68	77	87	97	106	116
30	60	67	75	82	90	40	50	60	70	80	90	100	110	120
31	62	70	77	85	93	41	52	62	72	83	93	103	114	124
32	64	72	80	88	96	43	53	64	75	85	96	107	117	128
33	66	74	82	91	99	44	55	66	77	88	99	110	121	132
34	68	76	85	93	102	45	57	68	79	91	102	113	125	136
35	70	79	87	96	105	47	58	70	82	93	105	117	128	140
36	72	81	90	99	108	48	60	72	84	96	108	120	132	144
37	74	83	92	102	111	49	62	74	86	99	111	123	136	148
38	76	85	95	104	114	51	63	76	89	101	114	127	139	152
39	78	88	97	107	117	52	65	78	91	104	117	130	143	156
40	80	90	100	110	120	55	67	80	93	107	120	133	147	160

## READY RECKONER.

## SCANTLING MEASURE.

Length in feet.	Size in Inches.											
	5 by 5	5 by 6	5 by 7	5 by 8	5 by 9	5 by 10	5 by 11	5 by 12	6 by 6	6 by 7	6 by 8	6 by 9
12	25	30	35	40	45	50	55	60	36	42	48	54
13	27	32	38	43	49	54	60	65	39	45	52	58
14	29	35	41	47	52	58	64	70	42	49	56	63
15	31	37	44	50	56	62	69	75	45	52	60	67
16	33	40	47	53	60	67	73	80	48	56	64	72
17	35	42	50	57	64	71	78	85	51	59	68	76
18	37	45	52	60	67	75	82	90	54	63	72	81
19	40	47	55	63	71	79	87	95	57	66	76	85
20	42	50	58	67	75	83	92	100	60	70	80	90
21	44	52	61	70	79	87	96	105	63	73	84	94
22	46	55	64	73	82	92	101	110	66	77	88	99
23	48	57	67	77	86	96	105	115	69	80	92	103
24	50	60	70	80	90	100	110	120	72	84	96	108
25	52	62	73	83	94	104	115	125	75	87	100	112
26	54	65	76	87	97	108	119	130	78	91	104	117
27	56	67	79	90	101	112	124	135	81	94	108	121
28	58	70	82	93	105	117	128	140	84	98	112	126
29	60	72	85	97	109	121	133	145	87	101	116	130
30	62	75	87	100	112	125	137	150	90	105	120	135
31	65	77	90	103	116	129	142	155	93	108	124	139
32	67	80	93	107	120	133	147	160	96	112	128	144
33	69	82	96	110	124	137	151	165	99	115	132	149
34	71	85	99	113	127	142	156	170	102	119	136	153
35	73	87	102	117	131	146	160	175	105	122	140	157
36	75	90	105	120	135	150	165	180	108	126	144	162
37	77	92	108	123	139	154	170	185	111	129	148	166
38	79	95	111	127	142	158	174	190	114	133	152	171
39	81	97	114	130	146	162	179	195	117	136	156	175
40	83	100	117	133	150	167	183	200	120	140	160	180

# READY RECKONER.

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## SCANTLING MEASURE.

Length in feet.	Size in Inches.											
	6 by 10	6 by 11	6 by 12	7 by 7	7 by 8	7 by 9	7 by 10	7 by 11	7 by 12	8 by 8	8 by 9	8 by 10
12	60	66	72	49	56	63	70	77	84	64	72	80
13	65	71	78	53	61	68	76	83	91	69	78	87
14	70	77	84	57	65	73	82	90	98	75	84	93
15	75	82	90	61	70	79	87	96	105	80	90	100
16	80	88	96	65	75	84	93	103	112	85	96	107
17	85	93	102	69	79	89	99	109	119	91	102	113
18	90	99	108	73	84	94	105	115	126	96	108	120
19	95	104	114	78	89	100	111	122	133	101	114	127
20	100	110	120	82	93	105	117	128	140	107	120	133
21	105	115	126	86	98	110	122	135	147	112	126	140
22	110	121	132	90	103	115	128	141	154	117	132	147
23	115	126	138	94	107	121	134	148	161	123	138	153
24	120	132	144	98	112	126	140	154	168	128	144	160
25	125	137	150	102	117	131	146	160	175	133	150	167
26	130	143	156	106	121	136	152	167	182	139	156	173
27	135	148	162	110	126	142	157	173	189	144	162	180
28	140	154	168	114	131	147	163	180	196	149	168	187
29	145	159	174	118	135	152	169	186	203	155	174	193
30	150	165	180	122	140	157	175	192	210	160	180	200
31	155	170	186	127	145	163	181	199	217	165	186	207
32	160	176	192	131	149	168	187	205	224	171	192	213
33	165	181	198	135	154	173	192	212	231	176	198	220
34	170	187	204	139	159	178	198	218	238	181	204	227
35	175	192	210	143	163	184	204	225	245	187	210	233
36	180	198	216	147	168	189	210	231	252	192	216	240
37	185	203	222	151	173	194	216	237	259	197	222	247
38	190	209	228	155	177	199	222	244	266	203	228	253
39	195	214	234	159	182	204	227	250	273	208	234	260
40	200	220	240	163	187	210	233	257	280	213	240	267



## READY RECKONER.

## SCANTLING MEASURE.

Length in feet.	Size in Inches.											
	8 by 11	8 by 12	9 by 9	9 by 10	9 by 11	9 by 12	10 by 10	10 by 11	10 by 12	11 by 11	11 by 12	12 by 12
12	88	96	81	90	99	108	100	110	120	121	132	144
13	95	104	88	97	107	117	108	119	130	131	143	156
14	103	112	94	105	115	126	117	128	140	141	154	168
15	110	120	101	112	124	135	125	137	150	151	165	180
16	117	128	108	120	132	144	133	147	160	161	176	192
17	125	136	115	127	140	153	142	156	170	171	187	204
18	132	144	121	135	148	162	150	165	180	181	198	216
19	139	152	128	142	157	171	158	174	190	192	209	228
20	147	160	135	150	165	180	167	183	200	202	220	240
21	154	168	142	157	173	189	175	192	210	212	231	252
22	161	176	148	165	181	198	183	202	220	222	242	264
23	169	184	155	172	190	207	192	211	230	232	253	276
24	176	192	162	180	198	216	200	220	240	242	264	288
25	183	200	169	187	206	225	208	229	250	252	275	300
26	191	208	175	195	214	234	217	238	260	262	286	312
27	198	216	182	202	223	243	225	247	270	272	297	324
28	205	224	189	210	231	252	233	257	280	282	308	336
29	213	232	196	217	239	261	242	266	290	292	319	348
30	220	240	202	225	247	270	250	275	300	302	330	360
31	227	248	209	232	256	279	258	284	310	313	341	372
32	235	256	216	240	264	288	267	293	320	323	352	384
33	242	264	223	247	272	297	275	302	330	333	363	396
34	249	272	229	255	280	306	283	312	340	343	374	408
35	257	280	236	262	289	315	291	321	350	353	385	420
36	264	288	243	270	297	324	300	330	360	363	396	432
37	271	296	250	277	305	333	308	339	370	373	407	444
38	279	304	256	288	313	342	317	348	380	383	418	456
39	286	312	263	292	322	351	325	357	390	393	429	468
40	293	320	270	300	330	360	333	367	400	403	440	480



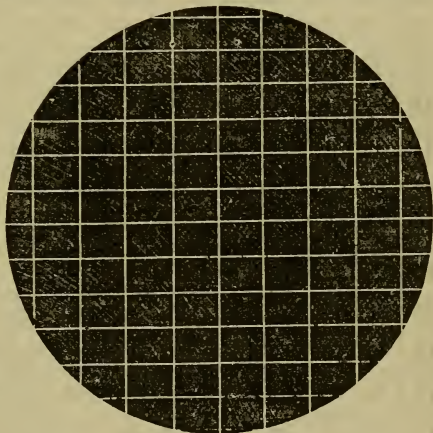
# ROUND LOGS ACCURATELY REDUCED TO INCH-BOARD MEASURE.

TABLE V.  
EXPLANATION.

This, perhaps, is the most important table to that large class of persons now engaged in the manufacture of saw-logs into lumber, to ascertain the quantity or number of feet in a saw-log of any given size, by the measurement of the log.

These tables have been computed from accurately-drawn diagrams for each and every sized log from 8 to 50 inches in diameter,

as the annexed diagram will show, with lines drawn crosswise, accurately measured one inch apart one way, and one and a quarter inch apart the other way, allowing a quarter of an inch to each board for saw-carf. Thus it will be seen that the contents of each and every log is accurately obtained, and can be relied on with safety to both buyer and seller



of logs for a correct measurement of their lumber.

The diameter is supposed to be taken at the small end of the log, inside of the bark, and the fractions of an inch not counted. For example:—Take a log 16 feet in length and 19 inches in diameter, and you will see on page 106 that it contains 240 feet, board measure. The length of the log will be always found in the first left-hand column, and the diameter in inches at the top of the page.

In addition to all this,—as will be seen in the preceding pages,—the opinions of extensive sawyers and lumber-dealers have been obtained, and their recommendations given, as the best and most practical work now published.

NOTE.—To make a straight and sound scale the scaler must make REDUCTIONS FOR ALL defects in logs.

## LOGS REDUCED TO INCH-BOARD MEASURE.

Length in ft.	Diameter in Inches.											
	8	9	10	11	12	13	14	15	16	17	18	19
8	16	20	25	32	40	48	59	70	80	94	107	120
9	18	22	28	36	45	54	66	78	90	105	120	135
10	20	25	32	40	50	60	73	86	100	116	133	150
11	22	27	35	44	55	66	81	96	110	129	147	165
12	24	30	38	48	60	72	88	104	120	140	160	180
13	26	32	41	52	65	78	95	112	130	151	173	195
14	28	35	44	56	70	84	103	122	140	164	187	210
15	30	37	47	60	75	90	110	130	150	175	200	225
16	32	40	51	64	80	96	117	138	160	186	213	240
17	34	42	54	68	85	102	125	148	170	199	227	255
18	36	45	57	72	90	108	132	156	180	210	240	270
19	38	47	60	76	95	114	139	164	190	221	253	285
20	40	50	63	80	100	120	147	174	200	234	267	300
21	42	52	66	84	105	126	154	182	210	245	280	315
22	44	55	70	88	110	132	161	190	220	256	293	330
23	46	57	73	92	115	138	169	200	230	269	307	345
24	48	60	76	96	120	144	176	208	240	280	320	360

## LOGS REDUCED TO INCH-BOARD MEASURE.

Length in ft.	Diameter in Inches.											
	20	21	22	23	24	25	26	27	28	29	30	31
8	136	152	168	190	208	227	251	270	288	307	328	350
9	153	171	189	213	234	255	282	303	324	345	369	393
10	170	190	210	236	260	283	313	336	360	383	410	436
11	187	209	231	261	286	312	345	371	396	422	451	481
12	204	228	252	284	312	340	376	404	432	460	492	524
13	221	247	273	307	338	368	407	437	468	498	533	567
14	238	266	294	332	364	397	439	472	504	537	574	612
15	255	285	315	355	390	425	470	505	540	575	615	655
16	272	304	336	378	416	453	501	538	576	613	656	698
17	289	323	357	403	442	482	533	573	612	652	697	743
18	306	342	378	426	468	510	564	606	648	690	738	786
19	323	361	399	449	494	538	595	639	684	728	779	829
20	340	380	420	474	520	567	627	674	720	767	820	874
21	357	399	441	497	546	595	658	707	756	805	861	917
22	374	418	462	520	572	623	689	740	792	843	902	960
23	391	437	483	545	598	652	721	775	828	882	943	1005
24	408	456	504	568	624	680	752	808	864	920	984	1048

## LOGS REDUCED TO INCH-BOARD MEASURE.

Length in ft.	Diameter in Inches.									
	32	33	34	35	36	37	38	39	40	41
8	371	392	416	440	467	502	534	566	600	632
9	417	441	468	495	525	564	600	636	675	711
10	463	490	520	550	583	626	666	706	750	790
11	510	539	572	605	642	690	734	778	825	869
12	556	588	624	660	700	752	800	848	900	948
13	602	637	676	715	758	814	866	918	975	1027
14	649	686	728	770	817	878	934	990	1050	1106
15	695	735	780	825	875	940	1000	1060	1125	1185
16	741	784	832	880	933	1002	1066	1130	1200	1264
17	788	833	884	935	992	1066	1134	1202	1275	1343
18	834	882	936	990	1050	1128	1200	1272	1350	1422
19	880	931	988	1045	1108	1190	1266	1342	1425	1501
20	927	980	1040	1100	1167	1254	1334	1414	1500	1580
21	973	1029	1092	1155	1225	1316	1400	1484	1575	1659
22	1019	1078	1144	1210	1283	1378	1466	1554	1650	1738
23	1066	1127	1196	1265	1342	1442	1534	1626	1725	1817
24	1112	1176	1248	1320	1400	1504	1600	1696	1800	1896

## LOGS REDUCED TO INCH-BOARD MEASURE.

Length in ft.	Diameter in Inches.								
	42	43	44	45	46	47	48	49	50
8	667	702	739	774	808	846	883	923	966
9	750	789	831	870	909	951	993	1038	1086
10	833	876	923	966	1010	1056	1103	1153	1206
11	917	965	1016	1064	1111	1163	1214	1269	1328
12	1000	1052	1108	1160	1212	1268	1324	1384	1448
13	1083	1139	1200	1256	1313	1373	1434	1499	1568
14	1167	1228	1293	1354	1414	1480	1545	1615	1690
15	1250	1315	1385	1450	1515	1585	1655	1730	1810
16	1333	1402	1477	1546	1616	1690	1765	1845	1930
17	1417	1491	1570	1644	1717	1797	1876	1961	2052
18	1500	1578	1662	1740	1818	1902	1986	2076	2172
19	1583	1665	1754	1836	1919	2007	2096	2191	2292
20	1667	1754	1847	1934	2020	2114	2207	2307	2414
21	1750	1841	1939	2030	2121	2219	2317	2422	2534
22	1833	1928	2031	2126	2222	2324	2427	2537	2654
23	1917	2017	2124	2224	2323	2431	2538	2653	2776
24	2000	2104	2216	2320	2424	2536	2648	2768	2896

TABLE VI.  
CONTENTS OF SAW LOGS, SCALED  
BY THE INCH.

*12 Feet in Length.*

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EXPLANATION.

To persons engaged in scaling saw logs, this table, as also the two following tables, will be found the most convenient and useful of any that has ever been published. It shows the aggregate contents, board measure, of many logs at a single glance; obviating the necessity of working out each size logs by calculations, saving much time to the persons doing the work, and avoiding much danger of errors attending hasty calculations.

*For Example:*—Should you require the contents of 21 logs, 17 inches in diameter and 12 feet in length, (made from Table V. of this book, page 105,) refer to page 116 and you will find directly under 21 logs and opposite 17 inches diameter the amount, 2940 feet; and, in like manner, you will find the contents of any other given amount of logs from 1 to 40 in number, and from 8 to 50 inches in diameter.

Persons scaling logs will save much time and trouble by scaling by the inch and counting by these tables. They can be relied on for correctness, much care and labor having been given, and much time spent in their calculation.

See pages 112 to 119, inclusive, for Table of Logs 12 feet in length.



## TABLE VII.

### CONTENTS OF SAW LOGS, SCALED BY THE INCH. *14 Feet in Length.*

#### EXPLANATION.

YOU will find the left-hand column to represent the diameter in inches, and the columns under the word LOGS, at the head of the table, to give the amount of feet, board measure, contained in any number of logs, from 1 to 40 in number, and from 8 to 50 inches in diameter.

*For Example* :—Should you require the contents of 40 logs, 19 inches in diameter, and 14 feet in length, turn to page 127, and you will find, directly under 40 LOGS and opposite 19 inches, 8400 feet.

The same rules to be observed as in Table VI., page 110.

See pages 120 to 127, inclusive, for Table of Logs, 14 feet in length.

## TABLE VIII.

### CONTENTS OF SAW LOGS, SCALED BY THE INCH. *16 Feet in Length.*

#### EXPLANATION.

SHOULD you require the contents of 56 logs, 20 inches in diameter and 16 feet in length, turn to page 139, and you will see at a glance that they contain 15, 232 feet, board measure ; and, in like manner, you will find the contents of any amount of logs, from 1 to 80 in number, and from 8 to 50 inches in diameter.

Observe the same rules as in Table VI., page 110.

See pages 128 to 143, inclusive, for Table of Logs, 16 feet in length.

*12 Feet in Length.*

DIAM. INCH.	1 LOG.	DIAM. INCH.	2 LOGS.	DIAM. INCH.	3 LOGS.	DIAM. INCH.	4 LOGS.	DIAM. INCH.	5 LOGS.
8	24	8	48	8	72	8	96	8	120
9	30	9	60	9	90	9	120	9	150
10	38	10	76	10	114	10	152	10	190
11	48	11	96	11	144	11	192	11	240
12	60	12	120	12	180	12	240	12	300
13	72	13	144	13	216	13	288	13	360
14	88	14	176	14	264	14	352	14	440
15	104	15	208	15	312	15	416	15	520
16	120	16	240	16	360	16	480	16	600
17	140	17	280	17	420	17	560	17	700
18	160	18	320	18	480	18	640	18	800
19	180	19	360	19	540	19	720	19	900
20	204	20	408	20	612	20	816	20	1,020
21	228	21	456	21	684	21	912	21	1,140
22	252	22	504	22	756	22	1,008	22	1,260
23	284	23	568	23	852	23	1,136	23	1,420
24	312	24	624	24	936	24	1,248	24	1,560
25	340	25	680	25	1,020	25	1,360	25	1,700
26	376	26	752	26	1,128	26	1,504	26	1,880
27	404	27	808	27	1,212	27	1,616	27	2,020
28	432	28	864	28	1,296	28	1,728	28	2,160
29	460	29	920	29	1,380	29	1,840	29	2,300
30	492	30	984	30	1,476	30	1,968	30	2,460
31	524	31	1,048	31	1,572	31	2,096	31	2,620
32	556	32	1,112	32	1,668	32	2,224	32	2,780
33	588	33	1,176	33	1,764	33	2,352	33	2,940
34	624	34	1,248	34	1,872	34	2,496	34	3,120
35	660	35	1,320	35	1,980	35	2,640	35	3,300
36	700	36	1,400	36	2,100	36	2,800	36	3,500
37	752	37	1,504	37	2,256	37	3,008	37	3,760
38	800	38	1,600	38	2,400	38	3,200	38	4,000
39	848	39	1,696	39	2,544	39	3,392	39	4,240
40	900	40	1,800	40	2,700	40	3,600	40	4,500
41	948	41	1,896	41	2,844	41	3,792	41	4,740
42	1,000	42	2,000	42	3,000	42	4,000	42	5,000
43	1,052	43	2,104	43	3,156	43	4,208	43	5,260
44	1,108	44	2,216	44	3,324	44	4,432	44	5,540
45	1,160	45	2,320	45	3,480	45	4,640	45	5,800
46	1,212	46	2,424	46	3,636	46	4,848	46	6,060
47	1,268	47	2,536	47	3,804	47	5,072	47	6,340
48	1,324	48	2,648	48	3,972	48	5,296	48	6,620
49	1,384	49	2,768	49	4,152	49	5,536	49	6,920
50	1,448	50	2,896	50	4,344	50	5,792	50	7,240

### 12 Feet in Length.

DIAM. INCH.	6 LOGS.	DIAM. INCH.	7 LOGS.	DIAM. INCH.	8 LOGS.	DIAM. INCH.	9 LOGS.	DIAM. INCH.	10 LOGS.
8	144	8	168	8	192	8	216	8	240
9	180	9	210	9	240	9	270	9	300
10	228	10	266	10	304	10	342	10	380
11	288	11	336	11	384	11	432	11	480
12	360	12	420	12	480	12	540	12	600
13	432	13	504	13	576	13	648	13	720
14	528	14	616	14	704	14	792	14	880
15	624	15	728	15	832	15	936	15	1,040
16	720	16	840	16	960	16	1,080	16	1,200
17	840	17	980	17	1,120	17	1,260	17	1,400
18	960	18	1,120	18	1,280	18	1,440	18	1,600
19	1,080	19	1,260	19	1,440	19	1,620	19	1,800
20	1,224	20	1,428	20	1,632	20	1,836	20	2,040
21	1,368	21	1,596	21	1,824	21	2,052	21	2,280
22	1,512	22	1,764	22	2,016	22	2,268	22	2,520
23	1,704	23	1,988	23	2,272	23	2,556	23	2,840
24	1,872	24	2,184	24	2,596	24	2,808	24	3,120
25	2,040	25	2,380	25	2,720	25	3,060	25	3,400
26	2,256	26	2,632	26	3,008	26	3,384	26	3,760
27	2,424	27	2,828	27	3,232	27	3,636	27	4,040
28	2,592	28	3,024	28	3,456	28	3,888	28	4,320
29	2,760	29	3,220	29	3,680	29	4,140	29	4,600
30	2,952	30	3,444	30	3,936	30	4,428	30	4,920
31	3,144	31	3,668	31	4,192	31	4,716	31	5,240
32	3,336	32	3,892	32	4,448	32	5,004	32	5,560
33	3,528	33	4,116	33	4,704	33	5,292	33	5,880
34	3,744	34	4,368	34	4,992	34	5,616	34	6,240
35	3,960	35	4,620	35	5,280	35	5,940	35	6,600
36	4,200	36	4,900	36	5,600	36	6,300	36	7,000
37	4,512	37	5,264	37	6,016	37	6,768	37	7,520
38	4,800	38	5,600	38	6,400	38	7,200	38	8,000
39	5,088	39	5,936	39	6,784	39	7,632	39	8,480
40	5,400	40	6,300	40	7,200	40	8,100	40	9,000
41	5,688	41	6,636	41	7,584	41	8,532	41	9,480
42	6,000	42	7,000	42	8,000	42	9,000	42	10,000
43	6,312	43	7,364	43	8,416	43	9,468	43	10,520
44	6,648	44	7,756	44	8,864	44	9,972	44	11,080
45	6,960	45	8,120	45	9,280	45	10,440	45	11,600
46	7,272	46	8,484	46	9,696	46	10,908	46	12,120
47	7,608	47	8,876	47	10,144	47	11,412	47	12,680
48	7,944	48	9,268	48	10,592	48	11,916	48	13,240
49	8,304	49	9,688	49	11,072	49	12,456	49	13,840
50	8,688	50	10,136	50	11,584	50	13,032	50	14,480

*12 Feet in Length.*

DIAM. INCH.	11 LOGS.	DIAM. INCH.	12 LOGS.	DIAM. INCH.	13 LOGS.	DIAM. INCH.	14 LOGS.	DIAM. INCH.	15 LOGS.
8	264	8	288	8	312	8	336	8	360
9	330	9	360	9	390	9	420	9	450
10	418	10	456	10	494	10	532	10	570
11	528	11	576	11	624	11	672	11	720
12	660	12	720	12	780	12	840	12	900
13	792	13	864	13	936	13	1,008	13	1,080
14	968	14	1,056	14	1,144	14	1,232	14	1,320
15	1,144	15	1,248	15	1,352	15	1,456	15	1,560
16	1,320	16	1,440	16	1,560	16	1,680	16	1,800
17	1,540	17	1,680	17	1,820	17	1,960	17	2,100
18	1,760	18	1,920	18	2,080	18	2,240	18	2,400
19	1,980	19	2,160	19	2,340	19	2,520	19	2,700
20	2,244	20	2,448	20	2,652	20	2,856	20	3,060
21	2,508	21	2,736	21	2,964	21	3,192	21	3,420
22	2,772	22	3,024	22	3,276	22	3,528	22	3,780
23	3,124	23	3,408	23	3,692	23	3,976	23	4,260
24	3,432	24	3,744	24	4,056	24	4,368	24	4,680
25	3,740	25	4,080	25	4,420	25	4,760	25	5,100
26	4,136	26	4,512	26	4,888	26	5,264	26	5,640
27	4,444	27	4,848	27	5,252	27	5,656	27	6,060
28	4,752	28	5,184	28	5,616	28	6,048	28	6,480
29	5,060	29	5,520	29	5,980	29	6,440	29	6,900
30	5,412	30	5,904	30	6,396	30	6,888	30	7,380
31	5,764	31	6,288	31	6,812	31	7,336	31	7,860
32	6,116	32	6,672	32	7,228	32	7,784	32	8,340
33	6,468	33	7,056	33	7,644	33	8,232	33	8,820
34	6,864	34	7,488	34	8,112	34	8,736	34	9,360
35	7,260	35	7,920	35	8,580	35	9,240	35	9,900
36	7,700	36	8,400	36	9,100	36	9,800	36	10,500
37	8,272	37	9,024	37	9,776	37	10,528	37	11,280
38	8,800	38	9,600	38	10,400	38	11,200	38	12,000
39	9,328	39	10,176	39	11,024	39	11,872	39	12,720
40	9,900	40	10,800	40	11,700	40	12,600	40	13,500
41	10,428	41	11,376	41	12,324	41	13,272	41	14,220
42	11,000	42	12,000	42	13,000	42	14,000	42	15,000
43	11,572	43	12,624	43	13,676	43	14,728	43	15,780
44	12,188	44	13,296	44	14,404	44	15,512	44	16,620
45	12,760	45	13,920	45	15,080	45	16,240	45	17,400
46	13,332	46	14,544	46	15,756	46	16,968	46	18,180
47	13,948	47	15,216	47	16,484	47	17,752	47	19,020
48	14,564	48	15,888	48	17,212	48	18,536	48	19,860
49	15,224	49	16,608	49	17,992	49	19,376	49	20,760
50	15,928	50	17,376	50	18,824	50	20,272	50	21,720

### 12 Feet in Length.

DIAM. INCH.	16 LOGS.	DIAM. INCH.	17 LOGS.	DIAM. INCH.	18 LOGS.	DIAM. INCH.	19 LOGS.	DIAM. INCH.	20 LOGS.
8	384	8	408	8	432	8	456	8	480
9	480	9	510	9	540	9	570	9	600
10	608	10	646	10	684	10	722	10	760
11	768	11	816	11	864	11	912	11	960
12	960	12	1,020	12	1,080	12	1,140	12	1,200
13	1,152	13	1,224	13	1,296	13	1,368	13	1,440
14	1,408	14	1,496	14	1,584	14	1,672	14	1,760
15	1,664	15	1,768	15	1,872	15	1,976	15	2,080
16	1,920	16	2,040	16	2,160	16	2,280	16	2,400
17	2,240	17	2,380	17	2,520	17	2,660	17	2,800
18	2,560	18	2,720	18	2,880	18	3,040	18	3,200
19	2,880	19	3,060	19	3,240	19	3,420	19	3,600
20	3,264	20	3,468	20	3,672	20	3,876	20	4,080
21	3,648	21	3,876	21	4,104	21	4,332	21	4,560
22	4,032	22	4,284	22	4,536	22	4,788	22	5,040
23	4,544	23	4,828	23	5,112	23	5,396	23	5,680
24	4,992	24	5,304	24	5,616	24	5,928	24	6,240
25	5,440	25	5,780	25	6,120	25	6,460	25	6,800
26	6,016	26	6,392	26	6,768	26	7,144	26	7,520
27	6,464	27	6,868	27	7,272	27	7,676	27	8,080
28	6,912	28	7,344	28	7,776	28	8,208	28	8,640
29	7,360	29	7,820	29	8,280	29	8,740	29	9,200
30	7,872	30	8,364	30	8,856	30	9,348	30	9,840
31	8,384	31	8,908	31	9,432	31	9,956	31	10,480
32	8,896	32	9,452	32	10,008	32	10,564	32	11,120
33	9,408	33	9,996	33	10,584	33	11,172	33	11,760
34	9,984	34	10,608	34	11,232	34	11,856	34	12,480
35	10,560	35	11,220	35	11,880	35	12,540	35	13,200
36	11,200	36	11,900	36	12,600	36	13,300	36	14,000
37	12,032	37	12,784	37	13,536	37	14,288	37	15,040
38	12,800	38	13,600	38	14,400	38	15,200	38	16,000
39	13,568	39	14,416	39	15,264	39	16,112	39	16,960
40	14,400	40	15,300	40	16,200	40	17,100	40	18,000
41	15,168	41	16,116	41	17,064	41	18,012	41	18,960
42	16,000	42	17,000	42	18,000	42	19,000	42	20,000
43	16,832	43	17,884	43	18,936	43	19,988	43	21,040
44	17,728	44	18,836	44	19,944	44	21,052	44	22,160
45	18,560	45	19,720	45	20,880	45	22,040	45	23,200
46	19,392	46	20,604	46	21,816	46	23,028	46	24,240
47	20,288	47	21,556	47	22,824	47	24,092	47	25,360
48	21,184	48	22,508	48	23,832	48	25,156	48	26,480
49	22,144	49	23,528	49	24,912	49	26,296	49	27,680
50	23,168	50	24,616	50	26,064	50	27,512	50	28,960



*12 Feet in Length.*

DIAM. INCH.	21 LOGS.	DIAM. INCH.	22 LOGS.	DIAM. INCH.	23 LOGS.	DIAM. INCH.	24 LOGS.	DIAM. INCH.	25 LOGS.
8	504	8	528	8	552	8	576	8	600
9	630	9	660	9	690	9	720	9	750
10	798	10	836	10	874	10	912	10	950
11	1,008	11	1,056	11	1,104	11	1,152	11	1,200
12	1,260	12	1,320	12	1,380	12	1,440	12	1,500
13	1,512	13	1,584	13	1,656	13	1,728	13	1,800
14	1,848	14	1,936	14	2,024	14	2,112	14	2,200
15	2,184	15	2,288	15	2,392	15	2,496	15	2,600
16	2,520	16	2,640	16	2,760	16	2,880	16	3,000
17	2,940	17	3,080	17	3,220	17	3,360	17	3,500
18	3,360	18	3,520	18	3,680	18	3,840	18	4,000
19	3,780	19	3,960	19	4,140	19	4,320	19	4,500
20	4,284	20	4,488	20	4,692	20	4,896	20	5,100
21	4,788	21	5,016	21	5,244	21	5,472	21	5,700
22	5,292	22	5,544	22	5,796	22	6,048	22	6,300
23	5,964	23	6,248	23	6,532	23	6,816	23	7,100
24	6,552	24	6,864	24	7,176	24	7,488	24	7,800
25	7,140	25	7,480	25	7,820	25	8,160	25	8,500
26	7,896	26	8,272	26	8,648	26	9,024	26	9,400
27	8,484	27	8,888	27	9,292	27	9,696	27	10,100
28	9,072	28	9,504	28	9,936	28	10,368	28	10,800
29	9,660	29	10,120	29	10,580	29	11,040	29	11,500
30	10,332	30	10,824	30	11,316	30	11,808	30	12,300
31	11,004	31	11,528	31	12,052	31	12,576	31	13,100
32	11,676	32	12,232	32	12,788	32	13,344	32	13,900
33	12,348	33	12,936	33	13,524	33	14,112	33	14,700
34	13,104	34	13,728	34	14,352	34	14,976	34	15,600
35	13,860	35	14,520	35	15,180	35	15,840	35	16,500
36	14,700	36	15,400	36	16,100	36	16,800	36	17,500
37	15,792	37	16,544	37	17,296	37	18,048	37	18,800
38	16,800	38	17,600	38	18,400	38	19,200	38	20,000
39	17,808	39	18,656	39	19,504	39	20,352	39	21,200
40	18,900	40	19,800	40	20,700	40	21,600	40	22,500
41	19,908	41	20,856	41	21,804	41	22,752	41	23,700
42	21,000	42	22,000	42	23,000	42	24,000	42	25,000
43	22,092	43	23,144	43	24,196	43	25,248	43	26,300
44	23,268	44	24,376	44	25,484	44	26,592	44	27,700
45	24,360	45	25,520	45	26,680	45	27,840	45	29,000
46	25,452	46	26,664	46	27,876	46	29,088	46	30,300
47	26,628	47	27,896	47	29,164	47	30,432	47	31,700
48	27,804	48	29,128	48	30,452	48	31,776	48	33,100
49	29,064	49	30,448	49	31,832	49	33,216	49	34,600
50	30,408	50	31,856	50	33,304	50	34,752	50	36,200



### 12 Feet in Length.

DIAM. INCH.	26 LOGS.	DIAM. INCH.	27 LOGS.	DIAM. INCH.	28 LOGS.	DIAM. INCH.	29 LOGS.	DIAM. INCH.	30 LOGS.
8	624	8	648	8	672	8	696	8	720
9	780	9	810	9	840	9	870	9	900
10	988	10	1,026	10	1,064	10	1,102	10	1,140
11	1,248	11	1,296	11	1,344	11	1,392	11	1,440
12	1,560	12	1,620	12	1,680	12	1,740	12	1,800
13	1,872	13	1,944	13	2,016	13	2,088	13	2,160
14	2,288	14	2,376	14	2,464	14	2,552	14	2,640
15	2,704	15	2,808	15	2,912	15	3,016	15	3,120
16	3,120	16	3,240	16	3,360	16	3,480	16	3,600
17	3,640	17	3,780	17	3,920	17	4,060	17	4,200
18	4,160	18	4,320	18	4,480	18	4,640	18	4,800
19	4,680	19	4,860	19	5,040	19	5,220	19	5,400
20	5,304	20	5,508	20	5,712	20	5,916	20	6,120
21	5,928	21	6,156	21	6,384	21	6,612	21	6,840
22	6,552	22	6,804	22	7,056	22	7,308	22	7,560
23	7,384	23	7,668	23	7,952	23	8,236	23	8,520
24	8,112	24	8,424	24	8,736	24	9,048	24	9,360
25	8,840	25	9,180	25	9,520	25	9,860	25	10,200
26	9,776	26	10,152	26	10,528	26	10,904	26	11,280
27	10,504	27	10,908	27	11,312	27	11,716	27	12,120
28	11,232	28	11,664	28	12,096	28	12,528	28	12,960
29	11,960	29	12,420	29	12,880	29	13,340	29	13,800
30	12,792	30	13,284	30	13,776	30	14,268	30	14,760
31	13,624	31	14,148	31	14,672	31	15,196	31	15,720
32	14,456	32	15,012	32	15,568	32	16,124	32	16,680
33	15,288	33	15,876	33	16,464	33	17,052	33	17,640
34	16,224	34	16,848	34	17,472	34	18,096	34	18,720
35	17,160	35	17,820	35	18,480	35	19,140	35	19,800
36	18,200	36	18,900	36	19,600	36	20,300	36	21,000
37	19,552	37	20,304	37	21,056	37	21,808	37	22,560
38	20,800	38	21,600	38	22,400	38	23,200	38	24,000
39	22,048	39	22,896	39	23,744	39	24,592	39	25,440
40	23,400	40	24,300	40	25,200	40	26,100	40	27,000
41	24,648	41	25,596	41	26,544	41	27,492	41	28,440
42	26,000	42	27,000	42	28,000	42	29,000	42	30,000
43	27,352	43	28,404	43	29,456	43	30,508	43	31,560
44	28,808	44	29,916	44	31,024	44	32,132	44	33,240
45	30,160	45	31,320	45	32,480	45	33,640	45	34,800
46	31,512	46	32,724	46	33,936	46	35,148	46	36,360
47	32,968	47	34,236	47	35,504	47	36,772	47	38,040
48	34,424	48	35,748	48	37,072	48	38,396	48	39,720
49	35,984	49	37,368	49	38,752	49	40,136	49	41,520
50	37,648	50	39,096	50	40,544	50	41,992	50	43,440

*12 Feet in Length.*

DIAM. INCH.	31 LOGS.	DIAM. INCH.	32 LOGS.	DIAM. INCH.	33 LOGS.	DIAM. INCH.	34 LOGS.	DIAM. INCH.	35 LOGS.
8	744	8	768	8	792	8	816	8	840
9	930	9	960	9	990	9	1,020	9	1,050
10	1,178	10	1,216	10	1,254	10	1,292	10	1,330
11	1,488	11	1,536	11	1,584	11	1,632	11	1,680
12	1,860	12	1,920	12	1,980	12	2,040	12	2,100
13	2,232	13	2,304	13	2,376	13	2,448	13	2,520
14	2,728	14	2,816	14	2,904	14	2,992	14	3,080
15	3,224	15	3,328	15	3,432	15	3,536	15	3,640
16	3,720	16	3,840	16	3,960	16	4,080	16	4,200
17	4,340	17	4,480	17	4,620	17	4,760	17	4,900
18	4,960	18	5,120	18	5,280	18	5,440	18	5,600
19	5,580	19	5,760	19	5,940	19	6,120	19	6,300
20	6,324	20	6,528	20	6,732	20	6,936	20	7,140
21	7,068	21	7,296	21	7,524	21	7,752	21	7,980
22	7,812	22	8,064	22	8,316	22	8,568	22	8,820
23	8,804	23	9,088	23	9,372	23	9,656	23	9,940
24	9,672	24	9,984	24	10,296	24	10,608	24	10,920
25	10,540	25	10,880	25	11,220	25	11,560	25	11,900
26	11,656	26	12,032	26	12,408	26	12,784	26	13,160
27	12,524	27	12,928	27	13,332	27	13,736	27	14,140
28	13,392	28	13,824	28	14,256	28	14,688	28	15,120
29	14,260	29	14,720	29	15,180	29	15,640	29	16,100
30	15,252	30	15,744	30	16,236	30	16,728	30	17,220
31	16,244	31	16,768	31	17,292	31	17,816	31	18,340
32	17,236	32	17,792	32	18,348	32	18,904	32	19,460
33	18,228	33	18,816	33	19,404	33	19,992	33	20,580
34	19,344	34	19,968	34	20,592	34	21,216	34	21,840
35	20,460	35	21,120	35	21,780	35	22,440	35	23,100
36	21,700	36	22,400	36	23,100	36	23,800	36	24,500
37	23,312	37	24,064	37	24,816	37	25,568	37	26,320
38	24,800	38	25,600	38	26,400	38	27,200	38	28,000
39	26,288	39	27,136	39	27,984	39	28,832	39	29,680
40	27,900	40	28,800	40	29,700	40	30,600	40	31,500
41	29,388	41	30,336	41	31,284	41	32,232	41	33,180
42	31,000	42	32,000	42	33,000	42	34,000	42	35,000
43	32,612	43	33,664	43	34,716	43	35,768	43	36,820
44	34,348	44	35,456	44	36,564	44	37,672	44	38,780
45	35,960	45	37,120	45	38,280	45	39,440	45	40,600
46	37,572	46	38,784	46	39,996	46	41,208	46	42,420
47	39,308	47	40,576	47	41,844	47	43,112	47	44,380
48	41,044	48	42,368	48	43,692	48	45,016	48	46,340
49	42,904	49	44,288	49	45,672	49	47,056	49	48,440
50	44,888	50	46,336	50	47,784	50	49,232	50	50,680

# READY RECKONER.

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CONTENTS OF SAW LOGS SCALED BY THE INCH.

## 12 Feet in Length.

DIAM. INCH.	36 LOGS.	DIAM. INCH.	37 LOGS.	DIAM. INCH.	38 LOGS.	DIAM. INCH.	39 LOGS.	DIAM. INCH.	40 LOGS.
8	864	8	888	8	912	8	936	8	960
9	1,080	9	1,110	9	1,140	9	1,170	9	1,200
10	1,368	10	1,406	10	1,444	10	1,482	10	1,520
11	1,728	11	1,776	11	1,824	11	1,872	11	1,920
12	2,160	12	2,220	12	2,280	12	2,340	12	2,400
13	2,592	13	2,664	13	2,736	13	2,808	13	2,880
14	3,168	14	3,256	14	3,344	14	3,432	14	3,520
15	3,744	15	3,848	15	3,952	15	4,056	15	4,160
16	4,320	16	4,440	16	4,560	16	4,680	16	4,800
17	5,040	17	5,180	17	5,320	17	5,460	17	5,600
18	5,760	18	5,920	18	6,080	18	6,240	18	6,400
19	6,480	19	6,660	19	6,840	19	7,020	19	7,200
20	7,344	20	7,548	20	7,752	20	7,956	20	8,160
21	8,208	21	8,436	21	8,664	21	8,892	21	9,120
22	9,072	22	9,324	22	9,576	22	9,828	22	10,080
23	10,224	23	10,508	23	10,792	23	11,076	23	11,360
24	11,232	24	11,544	24	11,856	24	12,168	24	12,480
25	12,240	25	12,580	25	12,920	25	13,260	25	13,600
26	13,536	26	13,912	26	14,288	26	14,664	26	15,040
27	14,544	27	14,948	27	15,352	27	15,756	27	16,160
28	15,552	28	15,984	28	16,416	28	16,848	28	17,280
29	16,560	29	17,020	29	17,480	29	17,940	29	18,400
30	17,712	30	18,204	30	18,696	30	19,188	30	19,680
31	18,864	31	19,388	31	19,912	31	20,436	31	20,960
32	20,016	32	20,572	32	21,128	32	21,684	32	22,240
33	21,168	33	21,756	33	22,344	33	22,932	33	23,520
34	22,464	34	23,088	34	23,712	34	24,336	34	24,960
35	23,760	35	24,420	35	25,080	35	25,740	35	26,400
36	25,200	36	25,900	36	26,600	36	27,300	36	28,000
37	27,072	37	27,824	37	28,576	37	29,328	37	30,080
38	28,800	38	29,600	38	30,400	38	31,200	38	32,000
39	30,528	39	31,376	39	32,224	39	33,072	39	33,920
40	32,400	40	33,300	40	34,200	40	35,100	40	36,000
41	34,128	41	35,076	41	36,024	41	36,972	41	37,920
42	36,000	42	37,000	42	38,000	42	39,000	42	40,000
43	37,872	43	38,924	43	39,976	43	41,028	43	42,080
44	39,888	44	40,996	44	42,104	44	43,212	44	44,320
45	41,760	45	42,920	45	44,080	45	45,240	45	46,400
46	43,632	46	44,844	46	46,056	46	47,268	46	48,480
47	45,648	47	46,916	47	48,184	47	49,452	47	50,720
48	47,664	48	48,988	48	50,312	48	51,636	48	52,960
49	49,824	49	51,208	49	52,592	49	53,976	49	55,360
50	52,128	50	53,576	50	55,024	50	56,472	50	57,920

*14 Feet in Length.*

DIAM. INCH.	1 LOG.	DIAM. INCH.	2 LOGS.	DIAM. INCH.	3 LOGS.	DIAM. INCH.	4 LOGS.	DIAM. INCH.	5 LOGS.
8	28	8	56	8	84	8	112	8	140
9	35	9	70	9	105	9	140	9	175
10	44	10	88	10	132	10	176	10	220
11	56	11	112	11	168	11	224	11	280
12	70	12	140	12	210	12	280	12	350
13	84	13	168	13	252	13	336	13	420
14	103	14	206	14	309	14	412	14	515
15	122	15	244	15	366	15	488	15	610
16	140	16	280	16	420	16	560	16	700
17	164	17	328	17	492	17	656	17	820
18	187	18	374	18	561	18	748	18	935
19	210	19	420	19	630	19	840	19	1,050
20	238	20	476	20	714	20	952	20	1,190
21	266	21	532	21	798	21	1,064	21	1,330
22	294	22	588	22	882	22	1,176	22	1,470
23	332	23	664	23	996	23	1,328	23	1,660
24	364	24	728	24	1,092	24	1,456	24	1,820
25	397	25	794	25	1,191	25	1,588	25	1,985
26	439	26	878	26	1,317	26	1,756	26	2,195
27	472	27	944	27	1,416	27	1,888	27	2,360
28	504	28	1,008	28	1,512	28	2,016	28	2,520
29	537	29	1,074	29	1,611	29	2,148	29	2,685
30	574	30	1,148	30	1,722	30	2,296	30	2,870
31	612	31	1,224	31	1,836	31	2,448	31	3,060
32	649	32	1,298	32	1,947	32	2,596	32	3,245
33	686	33	1,372	33	2,058	33	2,744	33	3,430
34	728	34	1,456	34	2,184	34	2,912	34	3,640
35	770	35	1,540	35	2,310	35	3,080	35	3,850
36	817	36	1,634	36	2,451	36	3,268	36	4,085
37	878	37	1,756	37	2,634	37	3,512	37	4,390
38	934	38	1,868	38	2,802	38	3,736	38	4,670
39	990	39	1,980	39	2,970	39	3,960	39	4,950
40	1,050	40	2,100	40	3,150	40	4,200	40	5,250
41	1,106	41	2,212	41	3,318	41	4,424	41	5,530
42	1,167	42	2,334	42	3,501	42	4,668	42	5,835
43	1,228	43	2,456	43	3,684	43	4,912	43	6,140
44	1,293	44	2,586	44	3,879	44	5,172	44	6,465
45	1,354	45	2,708	45	4,062	45	5,416	45	6,770
46	1,414	46	2,828	46	4,242	46	5,656	46	7,070
47	1,480	47	2,960	47	4,440	47	5,920	47	7,400
48	1,545	48	3,090	48	4,635	48	6,180	48	7,725
49	1,615	49	3,230	49	4,845	49	6,460	49	8,075
50	1,690	50	3,380	50	5,070	50	6,760	50	8,450

### 14 Feet in Length.

DIAM. INCH.	6 LOGS.	DIAM. INCH.	7 LOGS.	DIAM. INCH.	8 LOGS.	DIAM. INCH.	9 LOGS.	DIAM. INCH.	10 LOGS.
8	168	8	196	8	224	8	252	8	280
9	210	9	245	9	280	9	315	9	350
10	264	10	308	10	352	10	396	10	440
11	336	11	392	11	448	11	504	11	560
12	420	12	490	12	560	12	630	12	700
13	504	13	588	13	672	13	756	13	840
14	618	14	721	14	824	14	927	14	1,030
15	732	15	854	15	976	15	1,094	15	1,220
16	840	16	980	16	1,120	16	1,260	16	1,400
17	984	17	1,148	17	1,312	17	1,476	17	1,640
18	1,122	18	1,309	18	1,496	18	1,683	18	1,870
19	1,260	19	1,470	19	1,680	19	1,890	19	2,100
20	1,428	20	1,666	20	1,904	20	2,142	20	2,380
21	1,596	21	1,862	21	2,128	21	2,394	21	2,660
22	1,764	22	2,058	22	2,352	22	2,646	22	2,940
23	1,992	23	2,324	23	2,656	23	2,988	23	3,320
24	2,184	24	2,548	24	2,912	24	3,276	24	3,640
25	2,382	25	2,779	25	3,176	25	3,573	25	3,970
26	2,634	26	3,073	26	3,512	26	3,951	26	4,390
27	2,832	27	3,304	27	3,776	27	4,248	27	4,720
28	3,024	28	3,528	28	4,032	28	4,536	28	5,040
29	3,222	29	3,759	29	4,296	29	4,833	29	5,370
30	3,444	30	4,018	30	4,592	30	5,166	30	5,740
31	3,672	31	4,284	31	4,896	31	5,508	31	6,120
32	3,894	32	4,543	32	5,192	32	5,841	32	6,490
33	4,116	33	4,802	33	5,488	33	6,174	33	6,860
34	4,368	34	5,096	34	5,824	34	6,552	34	7,280
35	4,620	35	5,390	35	6,160	35	6,930	35	7,700
36	4,902	36	5,719	36	6,536	36	7,353	36	8,170
37	5,268	37	6,146	37	7,024	37	7,902	37	8,780
38	5,604	38	6,538	38	7,472	38	8,406	38	9,340
39	5,940	39	6,930	39	7,920	39	8,910	39	9,900
40	6,300	40	7,350	40	8,400	40	9,450	40	10,500
41	6,636	41	7,742	41	8,848	41	9,954	41	11,060
42	7,002	42	8,169	42	9,336	42	10,503	42	11,670
43	7,368	43	8,596	43	9,824	43	11,052	43	12,280
44	7,758	44	9,051	44	10,344	44	11,637	44	12,930
45	8,124	45	9,478	45	10,832	45	12,186	45	13,540
46	8,484	46	9,898	46	11,312	46	12,726	46	14,140
47	8,880	47	10,360	47	11,840	47	13,320	47	14,800
48	9,270	48	10,815	48	12,360	48	13,905	48	15,450
49	9,690	49	11,305	49	12,920	49	14,535	49	16,150
50	10,140	50	11,830	50	13,520	50	15,210	50	16,900



*14 Feet in Length.*

DIAM. INCH.	11 LOGS.	DIAM. INCH.	12 LOGS.	DIAM. INCH.	13 LOGS.	DIAM. INCH.	14 LOGS.	DIAM. INCH.	15 LOGS.
8	308	8	336	8	364	8	392	8	420
9	385	9	420	9	455	9	490	9	525
10	484	10	528	10	572	10	616	10	660
11	616	11	672	11	728	11	784	11	840
12	770	12	840	12	910	12	980	12	1,050
13	924	13	1,008	13	1,092	13	1,176	13	1,260
14	1,133	14	1,236	14	1,339	14	1,442	14	1,545
15	1,342	15	1,464	15	1,586	15	1,708	15	1,830
16	1,540	16	1,680	16	1,820	16	1,960	16	2,100
17	1,804	17	1,968	17	2,132	17	2,296	17	2,460
18	2,057	18	2,244	18	2,431	18	2,618	18	2,805
19	2,310	19	2,520	19	2,730	19	2,940	19	3,150
20	2,618	20	2,856	20	3,094	20	3,332	20	3,570
21	2,926	21	3,192	21	3,458	21	3,724	21	3,990
22	3,234	22	3,528	22	3,822	22	4,116	22	4,410
23	3,652	23	3,984	23	4,316	23	4,648	23	4,980
24	4,004	24	4,368	24	4,732	24	5,096	24	5,460
25	4,367	25	4,764	25	5,161	25	5,558	25	5,955
26	4,829	26	5,268	26	5,707	26	6,146	26	6,585
27	5,192	27	5,664	27	6,136	27	6,608	27	7,080
28	5,544	28	6,048	28	6,552	28	7,056	28	7,560
29	5,907	29	6,444	29	6,981	29	7,518	29	8,055
30	6,314	30	6,888	30	7,462	30	8,036	30	8,610
31	6,732	31	7,344	31	7,956	31	8,568	31	9,180
32	7,139	32	7,788	32	8,437	32	9,086	32	9,735
33	7,546	33	8,232	33	8,918	33	9,604	33	10,290
34	8,008	34	8,736	34	9,464	34	10,192	34	10,920
35	8,470	35	9,240	35	10,010	35	10,780	35	11,550
36	8,987	36	9,804	36	10,621	36	11,438	36	12,255
37	9,658	37	10,536	37	11,414	37	12,292	37	13,170
38	10,274	38	11,208	38	12,142	38	13,076	38	14,010
39	10,890	39	11,880	39	12,870	39	13,860	39	14,850
40	11,550	40	12,600	40	13,650	40	14,700	40	15,750
41	12,166	41	13,272	41	14,378	41	15,484	41	16,590
42	12,837	42	14,004	42	15,171	42	16,338	42	17,505
43	13,508	43	14,736	43	15,964	43	17,192	43	18,420
44	14,223	44	15,516	44	16,809	44	18,102	44	19,395
45	14,894	45	16,248	45	17,602	45	18,956	45	20,310
46	15,554	46	16,968	46	18,382	46	19,796	46	21,210
47	16,280	47	17,760	47	19,240	47	20,720	47	22,200
48	16,995	48	18,540	48	20,085	48	21,630	48	23,175
49	17,765	49	19,380	49	20,995	49	22,610	49	24,225
50	18,590	50	20,280	50	21,970	50	23,660	50	25,350



### 14 Feet in Length.

DIAM. INCH.	16 LOGS.	DIAM. INCH.	17 LOGS.	DIAM. INCH.	18 LOGS.	DIAM. INCH.	19 LOGS.	DIAM. INCH.	20 LOGS.
8	448	8	476	8	504	8	532	8	560
9	560	9	595	9	630	9	665	9	700
10	704	10	748	10	792	10	836	10	880
11	896	11	952	11	1,008	11	1,064	11	1,120
12	1,120	12	1,190	12	1,260	12	1,330	12	1,400
13	1,344	13	1,428	13	1,512	13	1,596	13	1,680
14	1,648	14	1,751	14	1,854	14	1,957	14	2,060
15	1,952	15	2,074	15	2,196	15	2,318	15	2,440
16	2,240	16	2,380	16	2,520	16	2,660	16	2,800
17	2,624	17	2,788	17	2,952	17	3,116	17	3,280
18	2,992	18	3,179	18	3,366	18	3,553	18	3,740
19	3,360	19	3,570	19	3,780	19	3,990	19	4,200
20	3,808	20	4,046	20	4,284	20	4,522	20	4,760
21	4,256	21	4,522	21	4,788	21	5,054	21	5,320
22	4,704	22	4,998	22	5,292	22	5,586	22	5,880
23	5,312	23	5,644	23	5,976	23	6,308	23	6,640
24	5,824	24	6,188	24	6,552	24	6,916	24	7,280
25	6,352	25	6,749	25	7,146	25	7,543	25	7,940
26	7,024	26	7,463	26	7,902	26	8,341	26	8,780
27	7,552	27	8,024	27	8,496	27	8,968	27	9,440
28	8,064	28	8,568	28	9,072	28	9,576	28	10,080
29	8,592	29	9,129	29	9,666	29	10,203	29	10,740
30	9,184	30	9,758	30	10,332	30	10,906	30	11,480
31	9,792	31	10,404	31	11,016	31	11,628	31	12,240
32	10,384	32	11,033	32	11,682	32	12,331	32	12,980
33	10,976	33	11,662	33	12,348	33	13,034	33	13,720
34	11,648	34	12,376	34	13,104	34	13,832	34	14,560
35	12,320	35	13,090	35	13,860	35	14,630	35	15,400
36	13,072	36	13,889	36	14,706	36	15,523	36	16,340
37	14,048	37	14,926	37	15,804	37	16,682	37	17,560
38	14,944	38	15,878	38	16,812	38	17,746	38	18,680
39	15,840	39	16,830	39	17,820	39	18,810	39	19,800
40	16,800	40	17,850	40	18,900	40	19,950	40	21,000
41	17,696	41	18,802	41	19,908	41	21,014	41	22,120
42	18,672	42	19,839	42	21,006	42	22,173	42	23,340
43	19,648	43	20,876	43	22,104	43	23,332	43	24,560
44	20,688	44	21,981	44	23,274	44	24,567	44	25,860
45	21,664	45	23,018	45	24,372	45	25,726	45	27,080
46	22,624	46	24,038	46	25,452	46	26,866	46	28,280
47	23,680	47	25,160	47	26,640	47	28,120	47	29,600
48	24,720	48	26,265	48	27,810	48	29,355	48	30,900
49	25,840	49	27,455	49	29,070	49	30,685	49	32,300
50	27,040	50	28,730	50	30,420	50	32,110	50	33,800

*14 Feet in Length.*

DIAM. INCH.	21 LOGS.	DIAM. INCH.	22 LOGS.	DIAM. INCH.	23 LOGS.	DIAM. INCH.	24 LOGS.	DIAM. INCH.	25 LOGS.
8	588	8	616	8	644	8	672	8	700
9	735	9	770	9	805	9	840	9	875
10	924	10	968	10	1,012	10	1,056	10	1,100
11	1,176	11	1,232	11	1,288	11	1,344	11	1,400
12	1,470	12	1,540	12	1,610	12	1,680	12	1,750
13	1,764	13	1,848	13	1,932	13	2,016	13	2,100
14	2,163	14	2,266	14	2,369	14	2,472	14	2,575
15	2,562	15	2,684	15	2,806	15	2,928	15	3,050
16	2,940	16	3,080	16	3,220	16	3,360	16	3,500
17	3,444	17	3,608	17	3,772	17	3,936	17	4,100
18	3,927	18	4,114	18	4,301	18	4,488	18	4,675
19	4,410	19	4,620	19	4,830	19	5,040	19	5,250
20	4,998	20	5,236	20	5,474	20	5,712	20	5,950
21	5,586	21	5,852	21	6,118	21	6,384	21	6,650
22	6,174	22	6,468	22	6,762	22	7,056	22	7,350
23	6,972	23	7,304	23	7,636	23	7,968	23	8,300
24	7,644	24	8,008	24	8,372	24	8,736	24	9,100
25	8,337	25	8,734	25	9,131	25	9,528	25	9,925
26	9,219	26	9,658	26	10,097	26	10,536	26	10,975
27	9,912	27	10,384	27	10,856	27	11,328	27	11,800
28	10,584	28	11,088	28	11,592	28	12,096	28	12,600
29	11,277	29	11,814	29	12,351	29	12,888	29	13,425
30	12,054	30	12,628	30	13,202	30	13,776	30	14,350
31	12,852	31	13,464	31	14,076	31	14,688	31	15,300
32	13,629	32	14,278	32	14,927	32	15,576	32	16,225
33	14,406	33	15,092	33	15,778	33	16,464	33	17,150
34	15,288	34	16,016	34	16,744	34	17,472	34	18,200
35	16,170	35	16,940	35	17,710	35	18,480	35	19,250
36	17,157	36	17,974	36	18,791	36	19,608	36	20,425
37	18,438	37	19,316	37	20,194	37	21,072	37	21,950
38	19,614	38	20,548	38	21,482	38	22,416	38	23,350
39	20,790	39	21,780	39	22,770	39	23,760	39	24,750
40	22,050	40	23,100	40	24,150	40	25,200	40	26,250
41	23,226	41	24,332	41	25,438	41	26,544	41	27,650
42	24,507	42	25,674	42	26,841	42	28,008	42	29,175
43	25,788	43	27,016	43	28,244	43	29,472	43	30,700
44	27,153	44	28,446	44	29,739	44	31,032	44	32,325
45	28,434	45	29,788	45	31,142	45	32,496	45	33,850
46	29,694	46	31,108	46	32,522	46	33,936	46	35,350
47	31,080	47	32,560	47	34,040	47	35,520	47	37,000
48	32,445	48	33,990	48	35,535	48	37,080	48	38,625
49	33,915	49	35,530	49	37,145	49	38,760	49	40,375
50	35,490	50	37,180	50	38,870	50	40,560	50	42,250

### 14 Feet in Length.

DIAM. INCH.	26 LOGS.	DIAM. INCH.	27 LOGS.	DIAM. INCH.	28 LOGS.	DIAM. INCH.	29 LOGS.	DIAM. INCH.	30 LOGS.
8	728	8	756	8	784	8	812	8	840
9	910	9	945	9	980	9	1,015	9	1,050
10	1,144	10	1,188	10	1,232	10	1,276	10	1,320
11	1,456	11	1,512	11	1,568	11	1,624	11	1,680
12	1,820	12	1,890	12	1,960	12	2,030	12	2,100
13	2,184	13	2,268	13	2,352	13	2,436	13	2,520
14	2,678	14	2,781	14	2,884	14	2,987	14	3,090
15	3,172	15	3,294	15	3,416	15	3,538	15	3,660
16	3,640	16	3,780	16	3,920	16	4,060	16	4,200
17	4,264	17	4,428	17	4,592	17	4,756	17	4,920
18	4,862	18	5,049	18	5,236	18	5,423	18	5,610
19	5,460	19	5,670	19	5,880	19	6,090	19	6,300
20	6,188	20	6,426	20	6,664	20	6,902	20	7,140
21	6,916	21	7,182	21	7,448	21	7,714	21	7,980
22	7,644	22	7,938	22	8,232	22	8,526	22	8,820
23	8,632	23	8,964	23	9,296	23	9,628	23	9,960
24	9,464	24	9,828	24	10,192	24	10,556	24	10,920
25	10,322	25	10,719	25	11,116	25	11,513	25	11,910
26	11,414	26	11,853	26	12,292	26	12,731	26	13,170
27	12,272	27	12,744	27	13,216	27	13,688	27	14,160
28	13,104	28	13,608	28	14,112	28	14,616	28	15,120
29	13,962	29	14,499	29	15,036	29	15,573	29	16,110
30	14,924	30	15,498	30	16,072	30	16,646	30	17,220
31	15,912	31	16,524	31	17,136	31	17,748	31	18,360
32	16,874	32	17,523	32	18,172	32	18,821	32	19,470
33	17,836	33	18,522	33	19,208	33	19,894	33	20,580
34	18,928	34	19,656	34	20,384	34	21,112	34	21,840
35	20,020	35	20,790	35	21,560	35	22,330	35	23,100
36	21,242	36	22,059	36	22,876	36	23,693	36	24,510
37	22,828	37	23,706	37	24,584	37	25,462	37	26,340
38	24,284	38	25,218	38	26,152	38	27,086	38	28,020
39	25,740	39	26,730	39	27,720	39	28,710	39	29,700
40	27,300	40	28,350	40	29,400	40	30,450	40	31,500
41	28,756	41	29,862	41	30,968	41	32,074	41	33,180
42	30,342	42	31,509	42	32,676	42	33,843	42	35,010
43	31,928	43	33,156	43	34,384	43	35,612	43	36,840
44	33,618	44	34,911	44	36,204	44	37,497	44	38,790
45	35,204	45	36,558	45	37,912	45	39,266	45	40,620
46	36,764	46	38,178	46	39,592	46	41,006	46	42,420
47	38,480	47	39,960	47	41,440	47	42,920	47	44,400
48	40,170	48	41,715	48	43,260	48	44,805	48	46,350
49	41,190	49	43,605	49	45,220	49	46,835	49	48,450
50	43,940	50	45,630	50	47,320	50	49,010	50	50,700

*14 Feet in Length.*

DIAM. INCH.	31 LOGS.	DIAM. INCH.	32 LOGS.	DIAM. INCH.	33 LOGS.	DIAM. INCH.	34 LOGS.	DIAM. INCH.	35 LOGS.
8	868	8	896	8	924	8	952	8	980
9	1,085	9	1,120	9	1,155	9	1,190	9	1,225
10	1,364	10	1,408	10	1,452	10	1,496	10	1,540
11	1,736	11	1,792	11	1,848	11	1,904	11	1,960
12	2,170	12	2,240	12	2,310	12	2,380	12	2,450
13	2,604	13	2,688	13	2,772	13	2,856	13	2,940
14	3,193	14	3,296	14	3,399	14	3,502	14	3,605
15	3,782	15	3,904	15	4,026	15	4,148	15	4,270
16	4,340	16	4,480	16	4,620	16	4,760	16	4,900
17	5,084	17	5,248	17	5,412	17	5,576	17	5,740
18	5,797	18	5,984	18	6,171	18	6,358	18	6,545
19	6,510	19	6,720	19	6,930	19	7,140	19	7,350
20	7,378	20	7,616	20	7,854	20	8,092	20	8,330
21	8,246	21	8,512	21	8,778	21	9,044	21	9,310
22	9,114	22	9,408	22	9,702	22	9,996	22	10,290
23	10,292	23	10,624	23	10,956	23	11,288	23	11,620
24	11,284	24	11,648	24	12,012	24	12,376	24	12,740
25	12,307	25	12,704	25	13,101	25	13,498	25	13,895
26	13,609	26	14,048	26	14,487	26	14,926	26	15,365
27	14,632	27	15,104	27	15,576	27	16,048	27	16,520
28	15,624	28	16,128	28	16,632	28	17,136	28	17,640
29	16,647	29	17,184	29	17,721	29	18,258	29	18,795
30	17,794	30	18,368	30	18,942	30	19,516	30	20,090
31	18,972	31	19,584	31	20,196	31	20,808	31	21,420
32	20,119	32	20,768	32	21,417	32	22,066	32	22,715
33	21,266	33	21,952	33	22,638	33	23,324	33	24,010
34	22,568	34	23,296	34	24,024	34	24,752	34	25,480
35	23,870	35	24,640	35	25,410	35	26,180	35	26,950
36	25,327	36	26,144	36	26,961	36	27,778	36	28,595
37	27,218	37	28,096	37	28,974	37	29,852	37	30,730
38	28,954	38	29,888	38	30,822	38	31,756	38	32,690
39	30,690	39	31,680	39	32,670	39	33,660	39	34,650
40	32,550	40	33,600	40	34,650	40	35,700	40	36,750
41	34,286	41	35,392	41	36,498	41	37,604	41	38,710
42	36,177	42	37,344	42	38,511	42	39,678	42	40,845
43	38,068	43	39,296	43	40,524	43	41,752	43	42,980
44	40,083	44	41,376	44	42,669	44	43,962	44	45,255
45	41,974	45	43,328	45	44,682	45	46,036	45	47,390
46	43,834	46	45,248	46	46,662	46	48,076	46	49,490
47	45,880	47	47,360	47	48,840	47	50,320	47	51,800
48	47,895	48	49,440	48	50,985	48	52,530	48	54,075
49	50,065	49	51,680	49	53,295	49	54,910	49	56,525
50	52,390	50	54,080	50	55,770	50	57,460	50	59,150

# READY RECKONER.

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CONTENTS OF SAW LOGS SCALED BY THE INCH.

## 14 Feet in Length.

DIAM. INCH.	36 LOGS.	DIAM. INCH.	37 LOGS.	DIAM. INCH.	38 LOGS.	DIAM. INCH.	39 LOGS.	DIAM. INCH.	40 LOGS.
8	1,008	8	1,036	8	1,064	8	1,092	8	1,120
9	1,260	9	1,295	9	1,330	9	1,365	9	1,400
10	1,584	10	1,628	10	1,672	10	1,716	10	1,760
11	2,016	11	2,072	11	2,128	11	2,184	11	2,240
12	2,520	12	2,590	12	2,660	12	2,730	12	2,800
13	3,024	13	3,108	13	3,192	13	3,276	13	3,360
14	3,708	14	3,811	14	3,914	14	4,017	14	4,120
15	4,392	15	4,514	15	4,636	15	4,758	15	4,880
16	5,040	16	5,180	16	5,320	16	5,460	16	5,600
17	5,904	17	6,068	17	6,232	17	6,396	17	6,560
18	6,732	18	6,919	18	7,106	18	7,293	18	7,480
19	7,560	19	7,770	19	7,980	19	8,190	19	8,400
20	8,568	20	8,806	20	9,044	20	9,282	20	9,520
21	9,576	21	9,842	21	10,108	21	10,374	21	10,640
22	10,584	22	10,878	22	11,172	22	11,466	22	11,760
23	11,952	23	12,284	23	12,616	23	12,948	23	13,280
24	13,104	24	13,468	24	13,832	24	14,196	24	14,560
25	14,292	25	14,689	25	15,086	25	15,483	25	15,880
26	15,804	26	16,243	26	16,682	26	17,121	26	17,560
27	16,992	27	17,464	27	17,936	27	18,408	27	18,880
28	18,144	28	18,648	28	19,152	28	19,656	28	20,160
29	19,332	29	19,869	29	20,406	29	20,943	29	21,480
30	20,664	30	21,238	30	21,812	30	22,386	30	22,960
31	22,032	31	22,644	31	23,256	31	23,868	31	24,480
32	23,364	32	24,013	32	24,662	32	25,311	32	25,960
33	24,696	33	25,382	33	26,068	33	26,754	33	27,440
34	26,208	34	26,936	34	27,664	34	28,392	34	29,120
35	27,720	35	28,490	35	29,260	35	30,030	35	30,800
36	29,412	36	30,229	36	31,046	36	31,863	36	32,680
37	31,608	37	32,486	37	33,364	37	34,244	37	35,120
38	33,624	38	34,558	38	35,492	38	36,426	38	37,360
39	35,640	39	36,630	39	37,620	39	38,610	39	39,600
40	37,800	40	38,850	40	39,900	40	40,950	40	42,000
41	39,816	41	40,922	41	42,028	41	43,134	41	44,240
42	42,012	42	43,179	42	44,346	42	45,513	42	46,680
43	44,208	43	45,436	43	46,664	43	47,892	43	49,120
44	46,548	44	47,841	44	49,134	44	50,427	44	51,720
45	48,744	45	50,098	45	51,452	45	52,806	45	54,160
46	50,904	46	52,318	46	53,732	46	55,146	46	56,560
47	53,280	47	54,760	47	56,240	47	57,720	47	59,200
48	55,620	48	57,165	48	58,710	48	60,255	48	61,800
49	58,140	49	59,755	49	61,370	49	62,985	49	64,600
50	60,840	50	62,530	50	64,220	50	65,910	50	67,600



*16 Feet in Length.*

DIAM. INCH.	1 LOG.	DIAM. INCH.	2 LOGS.	DIAM. INCH.	3 LOGS.	DIAM. INCH.	4 LOGS.	DIAM. INCH.	5 LOGS.
8	32	8	64	8	96	8	128	8	160
9	40	9	80	9	120	9	160	9	200
10	51	10	102	10	153	10	204	10	255
11	64	11	128	11	192	11	256	11	320
12	80	12	160	12	240	12	320	12	400
13	96	13	192	13	288	13	384	13	480
14	117	14	234	14	351	14	468	14	585
15	138	15	276	15	414	15	552	15	690
16	160	16	320	16	480	16	640	16	800
17	186	17	372	17	558	17	744	17	930
18	213	18	426	18	639	18	852	18	1,065
19	240	19	480	19	720	19	960	19	1,200
20	272	20	544	20	816	20	1,088	20	1,360
21	304	21	608	21	912	21	1,216	21	1,520
22	336	22	672	22	1,008	22	1,344	22	1,680
23	378	23	756	23	1,134	23	1,512	23	1,890
24	416	24	832	24	1,248	24	1,664	24	2,080
25	453	25	906	25	1,359	25	1,812	25	2,265
26	501	26	1,002	26	1,503	26	2,004	26	2,505
27	538	27	1,076	27	1,614	27	2,152	27	2,690
28	576	28	1,152	28	1,728	28	2,304	28	2,880
29	613	29	1,226	29	1,839	29	2,452	29	3,065
30	656	30	1,312	30	1,968	30	2,624	30	3,280
31	698	31	1,392	31	2,094	31	2,792	31	3,490
32	741	32	1,482	32	2,223	32	2,964	32	3,705
33	784	33	1,568	33	2,352	33	3,136	33	3,920
34	832	34	1,664	34	2,496	34	3,328	34	4,160
35	880	35	1,760	35	2,640	35	3,520	35	4,400
36	933	36	1,866	36	2,799	36	3,732	36	4,665
37	1,002	37	2,004	37	3,006	37	4,008	37	5,010
38	1,066	38	2,132	38	3,198	38	4,264	38	5,330
39	1,130	39	2,230	39	3,390	39	4,520	39	5,650
40	1,200	40	2,400	40	3,600	40	4,800	40	6,000
41	1,264	41	2,528	41	3,792	41	5,056	41	6,320
42	1,333	42	2,666	42	3,999	42	5,332	42	6,665
43	1,402	43	2,804	43	4,206	43	5,608	43	7,010
44	1,477	44	2,954	44	4,431	44	5,908	44	7,385
45	1,546	45	3,092	45	4,638	45	6,184	45	7,730
46	1,616	46	3,232	46	4,848	46	6,464	46	8,080
47	1,690	47	3,380	47	5,070	47	6,760	47	8,450
48	1,765	48	3,530	48	5,295	48	7,060	48	8,825
49	1,845	49	3,690	49	5,535	49	7,380	49	9,225
50	1,930	50	3,860	50	5,790	50	7,720	50	9,650



### 16 Feet in Length.

DIAM. INCH.	6 LOGS.	DIAM. INCH.	7 LOGS.	DIAM. INCH.	8 LOGS.	DIAM. INCH.	9 LOGS.	DIAM. INCH.	10 LOGS.
8	192	8	224	8	256	8	288	8	320
9	240	9	280	9	320	9	360	9	400
10	306	10	357	10	408	10	459	10	510
11	384	11	448	11	512	11	576	11	640
12	480	12	560	12	640	12	720	12	800
13	576	13	672	13	768	13	864	13	960
14	702	14	819	14	936	14	1,053	14	1,170
15	828	15	966	15	1,104	15	1,242	15	1,380
16	960	16	1,120	16	1,280	16	1,440	16	1,600
17	1,116	17	1,302	17	1,488	17	1,674	17	1,860
18	1,278	18	1,491	18	1,704	18	1,917	18	2,130
19	1,440	19	1,680	19	1,920	19	2,160	19	2,400
20	1,632	20	1,904	20	2,176	20	2,448	20	2,720
21	1,824	21	2,128	21	2,432	21	2,736	21	3,040
22	2,016	22	2,352	22	2,688	22	3,024	22	3,360
23	2,268	23	2,646	23	3,024	23	3,402	23	3,780
24	2,496	24	2,912	24	3,328	24	3,744	24	4,160
25	2,718	25	3,171	25	3,624	25	4,077	25	4,530
26	3,006	26	3,507	26	4,008	26	4,509	26	5,010
27	3,228	27	3,766	27	4,304	27	4,842	27	5,380
28	3,456	28	4,032	28	4,608	28	5,184	28	5,760
29	3,678	29	4,291	29	4,904	29	5,517	29	6,130
30	3,936	30	4,592	30	5,248	30	5,904	30	6,560
31	4,188	31	4,886	31	5,584	31	6,280	31	6,980
32	4,446	32	5,187	32	5,928	32	6,669	32	7,410
33	4,704	33	5,488	33	6,272	33	7,056	33	7,840
34	4,992	34	5,824	34	6,656	34	7,488	34	8,320
35	5,280	35	6,160	35	7,040	35	7,920	35	8,800
36	5,598	36	6,531	36	7,464	36	8,397	36	9,330
37	6,012	37	7,014	37	8,016	37	9,018	37	10,020
38	6,396	38	7,462	38	8,528	38	9,594	38	10,660
39	6,780	39	7,910	39	9,040	39	10,170	39	11,300
40	7,200	40	8,400	40	9,600	40	10,800	40	12,000
41	7,584	41	8,848	41	10,112	41	11,376	41	12,640
42	7,998	42	9,331	42	10,664	42	11,997	42	13,330
43	8,412	43	9,814	43	11,216	43	12,618	43	14,020
44	8,862	44	10,339	44	11,816	44	13,293	44	14,770
45	9,276	45	10,822	45	12,368	45	13,914	45	15,460
46	9,696	46	11,312	46	12,928	46	14,544	46	16,160
47	10,140	47	11,830	47	13,520	47	15,210	47	16,900
48	10,590	48	12,355	48	14,120	48	15,885	48	17,650
49	11,070	49	12,915	49	14,760	49	16,605	49	18,450
50	11,580	50	13,510	50	15,440	50	17,370	50	19,300

*16 Feet in Length.*

DIAM. INCH.	11 LOGS.	DIAM. INCH.	12 LOGS.	DIAM. INCH.	13 LOGS.	DIAM. INCH.	14 LOGS.	DIAM. INCH.	15 LOGS.
8	352	8	384	8	416	8	448	8	480
9	440	9	480	9	520	9	560	9	600
10	561	10	612	10	663	10	714	10	765
11	704	11	768	11	832	11	896	11	960
12	880	12	960	12	1,040	12	1,120	12	1,200
13	1,056	13	1,152	13	1,248	13	1,344	13	1,440
14	1,287	14	1,404	14	1,521	14	1,638	14	1,755
15	1,518	15	1,656	15	1,794	15	1,932	15	2,070
16	1,760	16	1,920	16	2,080	16	2,240	16	2,400
17	2,046	17	2,232	17	2,418	17	2,604	17	2,790
18	2,343	18	2,556	18	2,769	18	2,982	18	3,195
19	2,640	19	2,880	19	3,120	19	3,360	19	3,600
20	2,992	20	3,264	20	3,536	20	3,808	20	4,080
21	3,344	21	3,648	21	3,952	21	4,256	21	4,560
22	3,696	22	4,032	22	4,368	22	4,704	22	5,040
23	4,158	23	4,536	23	4,914	23	5,292	23	5,670
24	4,576	24	4,992	24	5,408	24	5,824	24	6,240
25	4,983	25	5,436	25	5,889	25	6,342	25	6,795
26	5,511	26	6,012	26	6,513	26	7,014	26	7,515
27	5,918	27	6,456	27	6,994	27	7,532	27	8,070
28	6,336	28	6,912	28	7,488	28	8,064	28	8,640
29	6,743	29	7,356	29	7,969	29	8,582	29	9,195
30	7,216	30	7,872	30	8,528	30	9,184	30	9,840
31	7,678	31	8,376	31	9,074	31	9,772	31	10,470
32	8,151	32	8,892	32	9,633	32	10,374	32	11,115
33	8,624	33	9,408	33	10,192	33	10,976	33	11,760
34	9,152	34	9,984	34	10,816	34	11,648	34	12,480
35	9,680	35	10,560	35	11,440	35	12,320	35	13,200
36	10,263	36	11,196	36	12,129	36	13,062	36	13,995
37	11,022	37	12,024	37	13,026	37	14,028	37	15,030
38	11,726	38	12,792	38	13,858	38	14,924	38	15,990
39	12,430	39	13,560	39	14,690	39	15,820	39	16,950
40	13,200	40	14,400	40	15,600	40	16,800	40	18,000
41	13,904	41	15,168	41	16,432	41	17,696	41	18,960
42	14,663	42	15,996	42	17,329	42	18,662	42	19,995
43	15,422	43	16,824	43	18,226	43	19,628	43	21,030
44	16,247	44	17,724	44	19,201	44	20,678	44	22,155
45	17,006	45	18,552	45	20,098	45	21,644	45	23,190
46	17,776	46	19,392	46	21,008	46	22,624	46	24,240
47	18,590	47	20,280	47	21,970	47	23,660	47	25,350
48	19,415	48	21,180	48	22,945	48	24,710	48	26,475
49	20,295	49	22,140	49	23,985	49	25,830	49	27,675
50	21,230	50	23,160	50	25,090	50	27,020	50	28,950

### 16 Feet in Length.

DIAM. INCH.	16 LOGS.	DIAM. INCH.	17 LOGS.	DIAM. INCH.	18 LOGS.	DIAM. INCH.	19 LOGS.	DIAM. INCH.	20 LOGS.
8	512	8	544	8	576	8	618	8	640
9	640	9	680	9	720	9	760	9	800
10	816	10	867	10	918	10	969	10	1,020
11	1,024	11	1,088	11	1,152	11	1,216	11	1,280
12	1,280	12	1,360	12	1,440	12	1,520	12	1,600
13	1,536	13	1,632	13	1,728	13	1,824	13	1,920
14	1,872	14	1,989	14	2,106	14	2,223	14	2,340
15	2,208	15	2,346	15	2,484	15	2,622	15	2,760
16	2,560	16	2,720	16	2,880	16	3,040	16	3,200
17	2,976	17	3,162	17	3,348	17	3,534	17	3,720
18	3,408	18	3,621	18	3,834	18	4,047	18	4,260
19	3,840	19	4,080	19	4,320	19	4,560	19	4,800
20	4,352	20	4,624	20	4,896	20	5,168	20	5,440
21	4,864	21	5,168	21	5,472	21	5,776	21	6,080
22	5,376	22	5,712	22	6,048	22	6,384	22	6,720
23	6,048	23	6,424	23	6,804	23	7,182	23	7,560
24	6,656	24	7,072	24	7,488	24	7,904	24	8,320
25	7,248	25	7,701	25	8,154	25	8,607	25	9,060
26	8,016	26	8,517	26	9,018	26	9,519	26	10,020
27	8,608	27	9,146	27	9,684	27	10,222	27	10,760
28	9,216	28	9,792	28	10,368	28	10,944	28	11,520
29	9,808	29	10,421	29	11,034	29	11,647	29	12,260
30	10,496	30	11,152	30	11,808	30	12,464	30	13,120
31	11,168	31	11,866	31	12,564	31	13,262	31	13,960
32	11,856	32	12,597	32	13,338	32	14,079	32	14,820
33	12,544	33	13,328	33	14,112	33	14,896	33	15,680
34	13,312	34	14,144	34	14,976	34	15,808	34	16,640
35	14,080	35	14,960	35	15,840	35	16,720	35	17,600
36	14,928	36	15,861	36	16,794	36	17,727	36	18,660
37	16,032	37	17,034	37	18,036	37	19,038	37	20,040
38	17,056	38	18,122	38	19,188	38	20,254	38	21,320
39	18,080	39	19,210	39	20,340	39	21,470	39	22,600
40	19,200	40	20,400	40	21,600	40	22,800	40	24,000
41	20,224	41	21,488	41	22,752	41	24,016	41	25,280
42	21,328	42	22,661	42	23,994	42	25,327	42	26,660
43	22,432	43	23,834	43	25,236	43	26,638	43	28,040
44	23,632	44	25,109	44	26,586	44	28,063	44	29,540
45	24,736	45	26,282	45	27,828	45	29,374	45	30,920
46	25,856	46	27,472	46	29,088	46	30,704	46	32,320
47	27,040	47	28,730	47	30,420	47	32,110	47	33,800
48	28,240	48	30,005	48	31,770	48	33,535	48	35,300
49	29,520	49	31,365	49	33,210	49	35,055	49	36,900
50	30,880	50	32,810	50	34,740	50	36,670	50	38,600

*16 Feet in Length.*

DIAM. INCH.	21 LOGS.	DIAM. INCH.	22 LOGS.	DIAM. INCH.	23 LOGS.	DIAM. INCH.	24 LOGS.	DIAM. INCH.	25 LOGS.
8	672	8	704	8	736	8	768	8	800
9	840	9	880	9	920	9	960	9	1,000
10	1,071	10	1,122	10	1,173	10	1,224	10	1,275
11	1,344	11	1,408	11	1,472	11	1,536	11	1,600
12	1,680	12	1,760	12	1,840	12	1,920	12	2,000
13	2,016	13	2,112	13	2,208	13	2,304	13	2,400
14	2,457	14	2,574	14	2,691	14	2,808	14	2,925
15	2,898	15	3,036	15	3,174	15	3,312	15	3,450
16	3,360	16	3,520	16	3,680	16	3,840	16	4,000
17	3,906	17	4,092	17	4,278	17	4,464	17	4,650
18	4,473	18	4,686	18	4,899	18	5,112	18	5,325
19	5,040	19	5,280	19	5,520	19	5,760	19	6,000
20	5,712	20	5,984	20	6,256	20	6,528	20	6,800
21	6,384	21	6,688	21	6,992	21	7,296	21	7,600
22	7,056	22	7,392	22	7,728	22	8,064	22	8,400
23	7,938	23	8,316	23	8,694	23	9,072	23	9,450
24	8,736	24	9,152	24	9,568	24	9,984	24	10,400
25	9,513	25	9,966	25	10,419	25	10,872	25	11,325
26	10,521	26	11,022	26	11,523	26	12,024	26	12,525
27	11,298	27	11,836	27	12,374	27	12,912	27	13,450
28	12,096	28	12,672	28	13,248	28	13,824	28	14,400
29	12,873	29	13,486	29	14,099	29	14,712	29	15,325
30	13,776	30	14,432	30	15,088	30	15,744	30	16,400
31	14,658	31	15,356	31	16,054	31	16,752	31	17,450
32	15,561	32	16,302	32	17,043	32	17,784	32	18,525
33	16,464	33	17,248	33	18,032	33	18,816	33	19,600
34	17,472	34	18,304	34	19,136	34	19,968	34	20,800
35	18,480	35	19,360	35	20,240	35	21,120	35	22,000
36	19,593	36	20,526	36	21,459	36	22,392	36	23,325
37	21,042	37	22,044	37	23,046	37	24,048	37	25,050
38	22,386	38	23,452	38	24,518	38	25,584	38	26,650
39	23,730	39	24,860	39	25,990	39	27,120	39	28,250
40	25,200	40	26,400	40	27,600	40	28,800	40	30,000
41	26,544	41	27,808	41	29,072	41	30,336	41	31,600
42	27,993	42	29,326	42	30,659	42	31,992	42	33,325
43	29,442	43	30,844	43	32,246	43	33,648	43	35,050
44	31,017	44	32,494	44	33,971	44	35,448	44	36,925
45	32,466	45	34,012	45	35,558	45	37,104	45	38,650
46	33,936	46	35,552	46	37,168	46	38,784	46	40,400
47	35,490	47	37,180	47	38,870	47	40,560	47	42,250
48	37,065	48	38,830	48	40,595	48	42,360	48	44,125
49	38,745	49	40,590	49	42,435	49	44,280	49	46,125
50	40,530	50	42,460	50	44,390	50	46,320	50	48,250

# READY RECKONER.

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CONTENTS OF SAW LOGS SCALED BY THE INCH.

## 16 Feet in Length.

DIAM. INCH.	26 LOGS.	DIAM. INCH.	27 LOGS.	DIAM. INCH.	28 LOGS.	DIAM. INCH.	29 LOGS.	DIAM. INCH.	30 LOGS.
8	832	8	864	8	896	8	928	8	960
9	1,040	9	1,080	9	1,120	9	1,160	9	1,200
10	1,326	10	1,377	10	1,428	10	1,479	10	1,530
11	1,664	11	1,728	11	1,792	11	1,856	11	1,920
12	2,080	12	2,160	12	2,240	12	2,320	12	2,400
13	2,496	13	2,592	13	2,688	13	2,784	13	2,880
14	3,042	14	3,159	14	3,276	14	3,393	14	3,510
15	3,588	15	3,726	15	3,864	15	4,002	15	4,140
16	4,160	16	4,320	16	4,480	16	4,640	16	4,800
17	4,836	17	5,022	17	5,208	17	5,394	17	5,580
18	5,538	18	5,751	18	5,964	18	6,177	18	6,390
19	6,240	19	6,480	19	6,720	19	6,960	19	7,200
20	7,072	20	7,344	20	7,616	20	7,888	20	8,160
21	7,904	21	8,208	21	8,512	21	8,816	21	9,120
22	8,736	22	9,072	22	9,408	22	9,744	22	10,080
23	9,828	23	10,206	23	10,584	23	10,962	23	11,340
24	10,816	24	11,232	24	11,648	24	12,064	24	12,480
25	11,778	25	12,231	25	12,684	25	13,137	25	13,590
26	13,026	26	13,527	26	14,028	26	14,529	26	15,030
27	13,988	27	14,526	27	15,064	27	15,602	27	16,140
28	14,976	28	15,552	28	16,128	28	16,704	28	17,280
29	15,938	29	16,551	29	17,164	29	17,777	29	18,390
30	17,056	30	17,712	30	18,368	30	19,024	30	19,680
31	18,148	31	18,846	31	19,544	31	20,242	31	20,940
32	19,266	32	20,007	32	20,748	32	21,489	32	22,230
33	20,384	33	21,168	33	21,952	33	22,736	33	23,520
34	21,632	34	22,464	34	23,296	34	24,128	34	24,960
35	22,880	35	23,760	35	24,640	35	25,520	35	26,400
36	24,258	36	25,191	36	26,124	36	27,057	36	27,990
37	26,052	37	27,054	37	28,056	37	29,058	37	30,060
38	27,716	38	28,782	38	29,848	38	30,914	38	31,980
39	29,380	39	30,510	39	31,640	39	32,770	39	33,900
40	31,200	40	32,400	40	33,600	40	34,800	40	36,000
41	32,864	41	34,128	41	35,392	41	36,656	41	37,920
42	34,658	42	35,591	42	37,324	42	38,657	42	39,990
43	36,452	43	37,854	43	39,256	43	40,658	43	42,060
44	38,402	44	39,879	44	41,356	44	42,833	44	44,310
45	40,196	45	41,742	45	43,288	45	44,834	45	46,380
46	42,016	46	43,632	46	45,248	46	46,864	46	48,480
47	43,940	47	45,630	47	47,320	47	49,010	47	50,700
48	45,890	48	47,655	48	49,420	48	51,185	48	52,950
49	47,970	49	49,815	49	51,660	49	53,505	49	55,350
50	50,180	50	52,110	50	54,040	50	55,970	50	57,900



*16 Feet in Length.*

DIAM. INCH.	31 LOGS.	DIAM. INCH.	32 LOGS.	DIAM. INCH.	33 LOGS.	DIAM. INCH.	34 LOGS.	DIAM. INCH.	35 LOGS.
8	992	8	1,024	8	1,056	8	1,088	8	1,120
9	1,240	9	1,280	9	1,320	9	1,360	9	1,400
10	1,581	10	1,632	10	1,683	10	1,734	10	1,785
11	1,984	11	2,048	11	2,112	11	2,176	11	2,240
12	2,480	12	2,560	12	2,640	12	2,720	12	2,800
13	2,976	13	3,072	13	3,168	13	3,264	13	3,360
14	3,627	14	3,744	14	3,861	14	3,978	14	4,095
15	4,278	15	4,416	15	4,554	15	4,692	15	4,830
16	4,960	16	5,120	16	5,280	16	5,440	16	5,600
17	5,766	17	5,952	17	6,138	17	6,324	17	6,510
18	6,603	18	6,816	18	7,029	18	7,242	18	7,455
19	7,440	19	7,680	19	7,920	19	8,160	19	8,400
20	8,432	20	8,704	20	8,976	20	9,248	20	9,520
21	9,424	21	9,728	21	10,032	21	10,336	21	10,640
22	10,416	22	10,752	22	11,088	22	11,424	22	11,760
23	11,718	23	12,096	23	12,474	23	12,852	23	13,230
24	12,896	24	13,312	24	13,728	24	14,144	24	14,560
25	14,043	25	14,496	25	14,949	25	15,402	25	15,855
26	15,531	26	16,032	26	16,533	26	17,034	26	17,535
27	16,678	27	17,216	27	17,754	27	18,292	27	18,830
28	17,856	28	18,432	28	19,008	28	19,584	28	20,160
29	19,003	29	19,616	29	20,229	29	20,842	29	21,455
30	20,336	30	20,992	30	21,648	30	22,304	30	22,960
31	21,638	31	22,336	31	23,034	31	23,732	31	24,430
32	22,971	32	23,712	32	24,453	32	25,194	32	25,935
33	24,304	33	25,088	33	25,872	33	26,656	33	27,440
34	25,792	34	26,624	34	27,456	34	28,288	34	29,120
35	27,280	35	28,160	35	29,040	35	29,920	35	30,800
36	28,923	36	29,856	36	30,789	36	31,722	36	32,655
37	31,062	37	32,064	37	33,066	37	34,068	37	35,070
38	33,046	38	34,112	38	35,178	38	36,244	38	37,310
39	35,030	39	36,160	39	37,290	39	38,420	39	39,550
40	37,200	40	38,400	40	39,600	40	40,800	40	42,000
41	39,184	41	40,448	41	41,712	41	42,976	41	44,240
42	41,323	42	42,656	42	43,989	42	45,322	42	46,655
43	43,462	43	44,864	43	46,266	43	47,668	43	49,070
44	45,787	44	47,264	44	48,741	44	50,218	44	51,695
45	47,926	45	49,472	45	51,018	45	52,564	45	54,110
46	50,096	46	51,712	46	53,328	46	54,944	46	56,560
47	52,390	47	54,080	47	55,770	47	57,460	47	59,150
48	54,715	48	56,480	48	58,245	48	60,010	48	61,775
49	57,195	49	59,040	49	60,885	49	62,730	49	64,575
50	59,830	50	61,760	50	63,690	50	65,620	50	67,550



# READY RECKONER.

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CONTENTS OF SAW LOGS SCALED BY THE INCH.

## 16 Feet in Length.

DIAM. INCH.	36 LOGS.	DIAM. INCH.	37 LOGS.	DIAM. INCH.	38 LOGS.	DIAM. INCH.	39 LOGS.	DIAM. INCH.	40 LOGS.
8	1,152	8	1,184	8	1,216	8	1,248	8	1,280
9	1,440	9	1,480	9	1,520	9	1,560	9	1,600
10	1,836	10	1,887	10	1,938	10	1,989	10	2,040
11	2,304	11	2,368	11	2,432	11	2,496	11	2,560
12	2,880	12	2,960	12	3,040	12	3,120	12	3,200
13	3,456	13	3,552	13	3,648	13	3,744	13	3,840
14	4,212	14	4,329	14	4,446	14	4,563	14	4,680
15	4,968	15	5,106	15	5,244	15	5,382	15	5,520
16	5,760	16	5,920	16	6,080	16	6,240	16	6,400
17	6,696	17	6,882	17	7,068	17	7,254	17	7,440
18	7,668	18	7,881	18	8,094	18	8,307	18	8,520
19	8,640	19	8,880	19	9,120	19	9,360	19	9,600
20	9,792	20	10,064	20	10,336	20	10,608	20	10,880
21	10,944	21	11,248	21	11,552	21	11,856	21	12,160
22	12,096	22	12,432	22	12,768	22	13,104	22	13,440
23	13,608	23	13,986	23	14,364	23	14,742	23	15,120
24	14,976	24	15,392	24	15,808	24	16,224	24	16,640
25	16,308	25	16,761	25	17,214	25	17,667	25	18,120
26	18,036	26	18,537	26	19,038	26	19,539	26	20,040
27	19,368	27	19,906	27	20,444	27	20,982	27	21,520
28	20,736	28	21,312	28	21,888	28	22,464	28	23,040
29	22,068	29	22,681	29	23,294	29	23,907	29	24,520
30	23,616	30	24,272	30	24,928	30	25,584	30	26,240
31	25,128	31	25,826	31	26,524	31	27,222	31	27,920
32	26,676	32	27,417	32	28,158	32	28,899	32	29,640
33	28,224	33	29,008	33	29,792	33	30,576	33	31,360
34	29,952	34	30,784	34	31,616	34	32,448	34	33,280
35	31,680	35	32,560	35	33,440	35	34,320	35	35,200
36	33,588	36	34,521	36	35,454	36	36,387	36	37,320
37	36,072	37	37,074	37	38,076	37	39,078	37	40,080
38	38,376	38	39,442	38	40,508	38	41,574	38	42,640
39	40,680	39	41,810	39	42,940	39	44,070	39	45,200
40	43,200	40	44,400	40	45,600	40	46,800	40	48,000
41	45,504	41	46,768	41	48,032	41	49,296	41	50,560
42	47,988	42	49,321	42	50,654	42	51,987	42	53,320
43	50,472	43	51,874	43	53,276	43	54,678	43	56,080
44	53,172	44	54,649	44	56,126	44	57,603	44	59,080
45	55,656	45	57,202	45	58,748	45	60,294	45	61,840
46	58,176	46	59,792	46	61,408	46	63,024	46	64,640
47	60,840	47	62,530	47	64,220	47	65,910	47	67,600
48	63,540	48	65,305	48	67,070	48	68,835	48	70,600
49	66,420	49	68,265	49	70,110	49	71,955	49	73,800
50	69,480	50	71,410	50	73,340	50	75,270	50	77,200

*16 Feet in Length.*

DIAM. INCH.	41 LOGS.	DIAM. INCH.	42 LOGS.	DIAM. INCH.	43 LOGS.	DIAM. INCH.	44 LOGS.	DIAM. INCH.	45 LOGS.
8	1,312	8	1,344	8	1,376	8	1,408	8	1,440
9	1,640	9	1,680	9	1,720	9	1,760	9	1,800
10	2,091	10	2,142	10	2,193	10	2,244	10	2,295
11	2,624	11	2,688	11	2,752	11	2,816	11	2,880
12	3,280	12	3,360	12	3,440	12	3,520	12	3,600
13	3,936	13	4,032	13	4,128	13	4,224	13	4,320
14	4,797	14	4,914	14	5,031	14	5,148	14	5,265
15	5,658	15	5,796	15	5,934	15	6,072	15	6,210
16	6,560	16	6,720	16	6,880	16	7,040	16	7,200
17	7,626	17	7,812	17	7,998	17	8,184	17	8,370
18	8,733	18	8,946	18	9,159	18	9,372	18	9,585
19	9,840	19	10,080	19	10,320	19	10,560	19	10,800
20	11,152	20	11,424	20	11,696	20	11,968	20	12,240
21	12,464	21	12,768	21	13,072	21	13,376	21	13,680
22	13,776	22	14,112	22	14,448	22	14,784	22	15,120
23	15,498	23	15,876	23	16,254	23	16,632	23	17,010
24	17,056	24	17,472	24	17,888	24	18,304	24	18,720
25	18,573	25	19,026	25	19,479	25	19,932	25	20,385
26	20,541	26	21,042	26	21,543	26	22,044	26	22,545
27	22,058	27	22,596	27	23,134	27	23,672	27	24,210
28	23,616	28	24,192	28	24,768	28	25,344	28	25,920
29	25,133	29	25,746	29	26,359	29	26,972	29	27,585
30	26,896	30	27,552	30	28,208	30	28,864	30	29,520
31	28,618	31	29,316	31	30,014	31	30,712	31	31,410
32	30,381	32	31,122	32	31,863	32	32,604	32	33,345
33	32,144	33	32,928	33	33,712	33	34,496	33	35,280
34	34,112	34	34,944	34	35,776	34	36,608	34	37,440
35	36,080	35	36,960	35	37,840	35	38,720	35	39,600
36	38,253	36	39,186	36	40,119	36	41,052	36	41,985
37	41,082	37	42,084	37	43,086	37	44,088	37	45,090
38	43,706	38	44,772	38	45,838	38	46,904	38	47,970
39	46,330	39	47,460	39	48,590	39	49,720	39	50,850
40	49,200	40	50,400	40	51,600	40	52,800	40	54,000
41	51,824	41	53,088	41	54,352	41	55,616	41	56,880
42	54,653	42	55,986	42	57,319	42	58,652	42	59,985
43	57,482	43	58,884	43	60,286	43	61,688	43	63,090
44	60,557	44	62,034	44	63,511	44	64,988	44	66,465
45	63,386	45	64,932	45	66,478	45	68,024	45	69,570
46	66,256	46	67,872	46	69,488	46	71,104	46	72,720
47	69,290	47	70,980	47	72,670	47	74,360	47	76,050
48	72,365	48	74,130	48	75,895	48	77,660	48	79,425
49	75,645	49	77,490	49	79,335	49	81,180	49	83,025
50	79,130	50	81,060	50	82,990	50	84,920	50	86,850

# READY RECKONER.

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CONTENTS OF SAW LOGS SCALED BY THE INCH.

## 16 Feet in Length.

DIAM. INCH.	46 LOGS.	DIAM. INCH.	47 LOGS.	DIAM. INCH.	48 LOGS.	DIAM. INCH.	49 LOGS.	DIAM. INCH.	50 LOGS.
8	1,472	8	1,504	8	1,536	8	1,568	8	1,600
9	1,840	9	1,880	9	1,920	9	1,960	9	2,000
10	2,346	10	2,397	10	2,448	10	2,499	10	2,550
11	2,944	11	3,008	11	3,072	11	3,136	11	3,200
12	3,680	12	3,760	12	3,840	12	3,920	12	4,000
13	4,416	13	4,512	13	4,608	13	4,704	13	4,800
14	5,382	14	5,499	14	5,616	14	5,733	14	5,850
15	6,348	15	6,484	15	6,624	15	6,762	15	6,900
16	7,360	16	7,520	16	7,680	16	7,840	16	8,000
17	8,556	17	8,742	17	8,928	17	9,114	17	9,300
18	9,798	18	10,011	18	10,224	18	10,437	18	10,650
19	11,040	19	11,280	19	11,520	19	11,760	19	12,000
20	12,512	20	12,784	20	13,056	20	13,328	20	13,600
21	13,984	21	14,288	21	14,592	21	14,896	21	15,200
22	15,456	22	15,792	22	16,128	22	16,464	22	16,800
23	17,388	23	17,766	23	18,144	23	18,522	23	18,900
24	19,136	24	19,552	24	19,968	24	20,384	24	20,800
25	20,838	25	21,291	25	21,744	25	22,197	25	22,650
26	23,046	26	23,547	26	24,048	26	24,549	26	25,050
27	24,748	27	25,286	27	25,824	27	26,362	27	26,900
28	26,496	28	27,072	28	27,648	28	28,224	28	28,800
29	28,198	29	28,811	29	29,424	29	30,037	29	30,650
30	30,176	30	30,832	30	31,488	30	32,144	30	32,800
31	32,108	31	32,806	31	33,504	31	34,202	31	34,900
32	34,086	32	34,827	32	35,568	32	36,309	32	37,050
33	36,064	33	36,848	33	37,632	33	38,416	33	39,200
34	38,272	34	39,104	34	39,936	34	40,768	34	41,600
35	40,480	35	41,360	35	42,240	35	43,120	35	44,000
36	42,918	36	43,851	36	44,784	36	45,717	36	46,650
37	46,092	37	47,094	37	48,096	37	49,098	37	50,100
38	49,036	38	50,102	38	51,168	38	52,234	38	53,300
39	51,980	39	53,110	39	54,240	39	55,370	39	56,500
40	55,200	40	56,400	40	57,600	40	58,800	40	60,000
41	58,144	41	59,408	41	60,672	41	61,936	41	63,200
42	61,318	42	62,651	42	63,984	42	65,317	42	66,650
43	64,492	43	65,894	43	67,296	43	68,698	43	70,100
44	67,942	44	69,419	44	70,896	44	72,373	44	73,850
45	71,116	45	72,662	45	74,208	45	75,754	45	77,300
46	74,336	46	75,952	46	77,568	46	79,184	46	80,800
47	77,740	47	79,430	47	81,120	47	82,810	47	84,500
48	81,190	48	82,955	48	84,720	48	86,485	48	88,250
49	84,870	49	86,715	49	88,560	49	90,405	49	92,250
50	88,780	50	90,710	50	92,640	50	94,570	50	96,500

*16 Feet in Length.*

DIAM. INCH.	51 LOGS.	DIAM. INCH.	52 LOGS.	DIAM. INCH.	53 LOGS.	DIAM. INCH.	54 LOGS.	DIAM. INCH.	55 LOGS.
8	1,632	8	1,664	8	1,696	8	1,728	8	1,760
9	2,040	9	2,080	9	2,120	9	2,160	9	2,200
10	2,601	10	2,652	10	2,703	10	2,754	10	2,805
11	3,264	11	3,328	11	3,392	11	3,456	11	3,520
12	4,080	12	4,160	12	4,240	12	4,320	12	4,400
13	4,896	13	4,992	13	5,088	13	5,184	13	5,280
14	5,967	14	6,084	14	6,201	14	6,318	14	6,435
15	7,038	15	7,176	15	7,314	15	7,452	15	7,590
16	8,160	16	8,320	16	8,480	16	8,640	16	8,800
17	9,486	17	9,672	17	9,858	17	10,044	17	10,230
18	10,863	18	11,076	18	11,289	18	11,502	18	11,715
19	12,240	19	12,480	19	12,720	19	12,960	19	13,200
20	13,872	20	14,144	20	14,416	20	14,688	20	14,960
21	15,504	21	15,808	21	16,112	21	16,416	21	16,720
22	17,136	22	17,472	22	17,808	22	18,144	22	18,480
23	19,278	23	19,656	23	20,034	23	20,412	23	20,790
24	21,216	24	21,632	24	22,048	24	22,464	24	22,880
25	23,103	25	23,556	25	24,009	25	24,462	25	24,915
26	25,551	26	26,052	26	26,553	26	27,054	26	27,555
27	27,438	27	27,976	27	28,514	27	29,052	27	29,590
28	29,376	28	29,952	28	30,528	28	31,104	28	31,680
29	31,263	29	31,876	29	32,489	29	33,102	29	33,715
30	33,456	30	34,112	30	34,768	30	35,424	30	36,080
31	35,598	31	36,296	31	36,994	31	37,692	31	38,390
32	37,791	32	38,532	32	39,273	32	40,014	32	40,755
33	39,984	33	40,768	33	41,552	33	42,336	33	43,120
34	42,432	34	43,264	34	44,096	34	44,928	34	45,760
35	44,880	35	45,760	35	46,640	35	47,520	35	48,400
36	47,583	36	48,516	36	49,449	36	50,382	36	51,315
37	51,102	37	52,104	37	53,106	37	54,108	37	55,110
38	54,366	38	55,432	38	56,498	38	57,564	38	58,630
39	57,630	39	58,760	39	59,890	39	61,020	39	62,150
40	61,200	40	62,400	40	63,600	40	64,800	40	66,000
41	64,464	41	65,728	41	66,992	41	68,256	41	69,520
42	67,983	42	69,316	42	70,649	42	71,982	42	73,315
43	71,502	43	72,904	43	74,306	43	75,708	43	77,110
44	75,327	44	76,804	44	78,281	44	79,758	44	81,235
45	78,846	45	80,392	45	81,938	45	83,484	45	85,030
46	82,416	46	84,032	46	85,648	46	87,264	46	88,880
47	86,190	47	87,880	47	89,570	47	91,260	47	92,950
48	90,015	48	91,780	48	93,545	48	95,310	48	97,075
49	94,095	49	95,940	49	97,785	49	99,630	49	101,475
50	98,430	50	100,360	50	102,290	50	104,220	50	106,150

### 16 Feet in Length.

DIAM. INCH.	58 LOGS.	DIAM. INCH.	57 LOGS.	DIAM. INCH.	58 LOGS.	DIAM. INCH.	59 LOGS.	DIAM. INCH.	60 LOGS.
8	1,792	8	1,824	8	1,856	8	1,888	8	1,920
9	2,240	9	2,280	9	2,320	9	2,360	9	2,400
10	2,856	10	2,907	10	2,958	10	3,009	10	3,060
11	3,584	11	3,648	11	3,712	11	3,776	11	3,840
12	4,480	12	4,560	12	4,640	12	4,720	12	4,800
13	5,376	13	5,472	13	5,568	13	5,664	13	5,760
14	6,552	14	6,669	14	6,786	14	6,903	14	7,020
15	7,728	15	7,866	15	8,004	15	8,142	15	8,280
16	8,960	16	9,120	16	9,280	16	9,440	16	9,600
17	10,416	17	10,602	17	10,788	17	10,974	17	11,160
18	11,928	18	12,141	18	12,354	18	12,567	18	12,780
19	13,440	19	13,680	19	13,920	19	14,160	19	14,400
20	15,232	20	15,504	20	15,776	20	16,048	20	16,320
21	17,024	21	17,328	21	17,632	21	17,936	21	18,240
22	18,816	22	19,152	22	19,488	22	20,824	22	20,160
23	21,168	23	21,546	23	21,924	23	22,302	23	22,680
24	23,296	24	23,712	24	24,128	24	24,544	24	24,960
25	25,368	25	25,821	25	26,274	25	26,727	25	27,180
26	28,056	26	28,557	26	29,058	26	29,559	26	30,060
27	30,128	27	30,666	27	31,204	27	31,742	27	32,280
28	32,256	28	32,832	28	33,408	28	33,984	28	34,560
29	34,328	29	34,941	29	35,554	29	36,167	29	36,780
30	36,736	30	37,392	30	38,048	30	38,704	30	39,360
31	39,088	31	39,786	31	40,484	31	41,182	31	41,880
32	41,496	32	42,237	32	42,978	32	43,719	32	44,460
33	43,904	33	44,688	33	45,472	33	46,256	33	47,040
34	46,592	34	47,424	34	48,256	34	49,088	34	49,920
35	49,280	35	50,160	35	51,040	35	51,920	35	52,800
36	52,248	36	53,181	36	54,114	36	55,047	36	55,980
37	56,112	37	57,114	37	58,116	37	59,118	37	60,120
38	59,696	38	60,762	38	61,828	38	62,894	38	63,960
39	63,280	39	64,410	39	65,540	39	66,670	39	67,800
40	67,200	40	68,400	40	69,600	40	70,800	40	72,000
41	70,784	41	72,048	41	73,312	41	74,576	41	75,840
42	74,648	42	75,981	42	77,314	42	78,647	42	79,980
43	78,512	43	79,914	43	81,316	43	82,718	43	84,120
44	82,712	44	84,189	44	85,666	44	87,143	44	88,620
45	86,576	45	88,122	45	89,668	45	91,214	45	92,760
46	90,496	46	92,112	46	93,728	46	95,344	46	96,960
47	94,640	47	96,330	47	98,020	47	99,710	47	101,400
48	98,840	48	100,605	48	102,370	48	104,135	48	105,900
49	103,320	49	105,165	49	107,010	49	108,855	49	110,700
50	108,080	50	110,010	50	111,940	50	113,870	50	115,800



*16 Feet in Length.*

DIAM. INCH.	61 LOGS.	DIAM. INCH.	62 LOGS.	DIAM. INCH.	63 LOGS.	DIAM. INCH.	64 LOGS.	DIAM. INCH.	65 LOGS.
8	1,952	8	1,984	8	2,016	8	2,048	8	2,080
9	2,440	9	2,480	9	2,520	9	2,560	9	2,600
10	3,111	10	3,162	10	3,213	10	3,264	10	3,315
11	3,904	11	3,968	11	4,032	11	4,096	11	4,160
12	4,880	12	4,960	12	5,040	12	5,120	12	5,200
13	5,856	13	5,952	13	6,048	13	6,144	13	6,240
14	7,137	14	7,254	14	7,371	14	7,488	14	7,605
15	8,418	15	8,556	15	8,694	15	8,832	15	8,970
16	9,760	16	9,920	16	10,080	16	10,240	16	10,400
17	11,346	17	11,532	17	11,718	17	11,904	17	12,090
18	12,993	18	13,206	18	13,419	18	13,632	18	13,845
19	14,640	19	14,880	19	15,120	19	15,360	19	15,600
20	16,592	20	16,864	20	17,136	20	17,408	20	17,680
21	18,544	21	18,848	21	19,152	21	19,456	21	19,760
22	20,496	22	20,832	22	21,168	22	21,504	22	21,840
23	23,058	23	23,436	23	23,814	23	24,192	23	24,570
24	25,376	24	25,792	24	26,208	24	26,624	24	27,040
25	27,633	25	28,086	25	28,539	25	28,992	25	29,445
26	30,561	26	31,062	26	31,563	26	32,064	26	32,565
27	32,818	27	33,356	27	33,894	27	34,432	27	34,970
28	35,136	28	35,712	28	36,288	28	36,864	28	37,440
29	37,393	29	38,006	29	38,619	29	39,232	29	39,845
30	40,016	30	40,672	30	41,328	30	41,984	30	42,640
31	42,578	31	43,276	31	43,974	31	44,672	31	45,370
32	45,201	32	45,942	32	46,683	32	47,424	32	48,165
33	47,824	33	48,608	33	49,392	33	50,176	33	50,960
34	50,752	34	51,584	34	52,416	34	53,248	34	54,080
35	53,680	35	54,560	35	55,440	35	56,320	35	57,200
36	56,913	36	57,846	36	58,779	36	59,712	36	60,645
37	61,122	37	62,124	37	63,126	37	64,128	37	65,130
38	65,026	38	66,092	38	67,158	38	68,224	38	69,290
39	68,930	39	70,060	39	71,190	39	72,320	39	73,450
40	73,200	40	74,400	40	75,600	40	76,800	40	78,000
41	77,104	41	78,368	41	79,632	41	80,896	41	82,160
42	81,313	42	82,646	42	83,979	42	85,312	42	86,645
43	85,522	43	86,924	43	88,326	43	89,728	43	91,130
44	90,097	44	91,574	44	93,051	44	94,528	44	96,005
45	94,306	45	95,852	45	97,398	45	98,944	45	100,490
46	98,576	46	100,192	46	101,808	46	103,424	46	105,040
47	103,090	47	104,780	47	106,470	47	108,160	47	109,850
48	107,665	48	109,430	48	111,195	48	112,960	48	114,725
49	112,545	49	114,390	49	116,235	49	118,080	49	119,925
50	117,730	50	119,660	50	121,590	50	123,520	50	125,450



### 16 Feet in Length.

DIAM. INCH.	66 LOGS.	DIAM. INCH.	67 LOGS.	DIAM. INCH.	68 LOGS.	DIAM. INCH.	69 LOGS.	DIAM. INCH.	70 LOGS.
8	2,112	8	2,144	8	2,176	8	2,208	8	2,240
9	2,640	9	2,680	9	2,720	9	2,760	9	2,800
10	3,366	10	3,417	10	3,468	10	3,519	10	3,570
11	4,224	11	4,288	11	4,352	11	4,416	11	4,480
12	5,280	12	5,360	12	5,440	12	5,520	12	5,600
13	6,336	13	6,432	13	6,528	13	6,624	13	6,720
14	7,722	14	7,839	14	7,956	14	8,073	14	8,190
15	9,108	15	9,246	15	9,384	15	9,522	15	9,660
16	10,560	16	10,720	16	10,880	16	11,040	16	11,200
17	12,276	17	12,462	17	12,648	17	12,834	17	13,020
18	14,058	18	14,271	18	14,484	18	14,697	18	14,910
19	15,840	19	16,080	19	16,320	19	16,560	19	16,800
20	17,952	20	18,224	20	18,496	20	18,768	20	19,040
21	20,064	21	20,368	21	20,672	21	20,976	21	21,280
22	22,176	22	22,512	22	22,848	22	23,184	22	23,520
23	24,948	23	25,326	23	25,704	23	26,082	23	26,460
24	27,456	24	27,872	24	28,288	24	28,704	24	29,120
25	29,898	25	30,351	25	30,804	25	31,257	25	31,710
26	33,066	26	33,567	26	34,068	26	34,569	26	35,070
27	35,508	27	36,046	27	36,584	27	37,122	27	37,660
28	38,016	28	38,592	28	39,168	28	39,744	28	40,320
29	40,458	29	41,071	29	41,684	29	42,297	29	42,910
30	43,296	30	43,952	30	44,608	30	45,264	30	45,920
31	46,068	31	46,766	31	47,464	31	48,162	31	48,860
32	48,906	32	49,647	32	50,388	32	51,129	32	51,870
33	51,744	33	52,528	33	53,312	33	54,096	33	54,880
34	54,912	34	55,744	34	56,576	34	57,408	34	58,240
35	58,080	35	58,960	35	59,840	35	60,720	35	61,600
36	61,578	36	62,511	36	63,444	36	64,377	36	65,310
37	66,132	37	67,134	37	68,136	37	69,138	37	70,140
38	70,356	38	71,422	38	72,488	38	73,554	38	74,620
39	74,580	39	75,710	39	76,840	39	77,970	39	79,100
40	79,200	40	80,400	40	81,600	40	82,800	40	84,000
41	83,424	41	84,688	41	85,952	41	87,216	41	88,480
42	87,978	42	89,311	42	90,644	42	91,977	42	93,310
43	92,532	43	93,934	43	95,336	43	96,738	43	98,140
44	97,482	44	98,959	44	100,436	44	101,913	44	103,390
45	102,036	45	103,582	45	105,128	45	106,674	45	108,220
46	106,656	46	108,272	46	109,888	46	111,504	46	113,120
47	111,540	47	113,230	47	114,920	47	116,610	47	118,300
48	116,490	48	118,255	48	120,020	48	121,785	48	123,550
49	121,770	49	123,615	49	125,460	49	127,305	49	129,150
50	127,380	50	129,310	50	131,240	50	133,170	50	135,100

*16 Feet in Length.*

DIAM. INCH.	71 LOGS.	DIAM. INCH.	72 LOGS.	DIAM. INCH.	73 LOGS.	DIAM. INCH.	74 LOGS.	DIAM. INCH.	75 LOGS.
8	2,272	8	2,304	8	2,336	8	2,368	8	2,400
9	2,840	9	2,880	9	2,920	9	2,960	9	3,000
10	3,621	10	3,672	10	3,723	10	3,774	10	3,825
11	4,544	11	4,608	11	4,672	11	4,736	11	4,800
12	5,680	12	5,760	12	5,840	12	5,920	12	6,000
13	6,816	13	6,912	13	7,008	13	7,104	13	7,200
14	8,307	14	8,424	14	8,541	14	8,658	14	8,775
15	9,798	15	9,936	15	10,074	15	10,212	15	10,350
16	11,360	16	11,520	16	11,680	16	11,840	16	12,000
17	13,206	17	13,392	17	13,578	17	13,764	17	13,950
18	15,123	18	15,336	18	15,549	18	15,762	18	15,975
19	17,040	19	17,280	19	17,520	19	17,760	19	18,000
20	19,312	20	19,584	20	19,856	20	20,128	20	20,400
21	21,584	21	21,888	21	22,192	21	22,496	21	22,800
22	23,856	22	24,192	22	24,528	22	24,864	22	25,200
23	26,838	23	27,216	23	27,594	23	27,972	23	28,350
24	29,536	24	29,952	24	30,368	24	30,784	24	31,200
25	32,163	25	32,616	25	33,069	25	33,522	25	33,975
26	35,571	26	36,072	26	36,573	26	37,074	26	37,575
27	38,198	27	38,736	27	39,274	27	39,812	27	40,350
28	40,896	28	41,472	28	42,048	28	42,624	28	43,200
29	43,522	29	44,136	29	44,749	29	45,362	29	45,975
30	46,576	30	47,232	30	47,888	30	48,544	30	49,200
31	49,558	31	50,256	31	50,954	31	51,652	31	52,350
32	52,611	32	53,352	32	54,093	32	54,834	32	55,575
33	55,664	33	56,448	33	57,232	33	58,016	33	58,800
34	59,072	34	59,904	34	60,736	34	61,568	34	62,400
35	62,480	35	63,360	35	64,240	35	65,120	35	66,000
36	66,243	36	67,176	36	68,109	36	69,042	36	69,975
37	71,142	37	72,144	37	73,146	37	74,148	37	75,150
38	75,686	38	76,752	38	77,818	38	78,884	38	79,950
39	80,230	39	81,360	39	82,490	39	83,620	39	84,750
40	85,200	40	86,400	40	87,600	40	88,800	40	90,000
41	89,744	41	91,008	41	92,272	41	93,536	41	94,800
42	94,643	42	95,976	42	97,309	42	98,642	42	99,975
43	99,542	43	100,944	43	102,346	43	103,748	43	105,150
44	104,867	44	106,344	44	107,821	44	109,298	44	110,775
45	109,766	45	111,312	45	112,858	45	114,404	45	115,950
46	114,736	46	116,352	46	117,968	46	119,584	46	121,200
47	119,990	47	121,680	47	123,370	47	125,060	47	126,750
48	125,315	48	127,080	48	128,845	48	130,610	48	132,375
49	130,995	49	132,840	49	134,685	49	136,530	49	138,375
50	137,030	50	138,960	50	140,890	50	142,820	50	144,750

### 16 Feet in Length.

DIAM. INCH.	76 LOGS.	DIAM. INCH.	77 LOGS.	DIAM. INCH.	78 LOGS.	DIAM. INCH.	79 LOGS.	DIAM. INCH.	80 LOGS.
8	2,432	8	2,464	8	2,496	8	2,528	8	2,560
9	3,040	9	3,080	9	3,120	9	3,160	9	3,200
10	3,876	10	3,927	10	3,978	10	4,029	10	4,080
11	4,864	11	4,928	11	4,992	11	5,056	11	5,120
12	6,080	12	6,160	12	6,240	12	6,320	12	6,400
13	7,296	13	7,392	13	7,488	13	7,584	13	7,680
14	8,892	14	9,009	14	9,126	14	9,243	14	9,360
15	10,488	15	10,626	15	10,764	15	10,902	15	11,040
16	12,160	16	12,320	16	12,480	16	12,640	16	12,800
17	14,136	17	14,322	17	14,508	17	14,694	17	14,880
18	16,188	18	16,401	18	16,614	18	16,827	18	17,040
19	18,240	19	18,480	19	18,720	19	18,960	19	19,200
20	20,672	20	20,944	20	21,216	20	21,488	20	21,760
21	23,104	21	23,408	21	23,712	21	24,016	21	24,320
22	25,536	22	25,872	22	26,208	22	26,544	22	26,880
23	28,728	23	29,106	23	29,484	23	29,862	23	30,240
24	31,616	24	32,032	24	32,448	24	32,864	24	33,280
25	34,428	25	34,881	25	35,334	25	35,787	25	36,240
26	38,076	26	38,577	26	39,078	26	39,579	26	40,080
27	40,888	27	41,426	27	41,964	27	42,502	27	43,040
28	43,776	28	44,352	28	44,928	28	45,504	28	46,080
29	46,588	29	47,201	29	47,814	29	48,427	29	49,040
30	49,856	30	50,512	30	51,168	30	51,824	30	52,480
31	53,048	31	53,746	31	54,444	31	55,142	31	55,840
32	56,316	32	57,057	32	57,798	32	58,539	32	59,280
33	59,584	33	60,368	33	61,152	33	61,936	33	62,720
34	63,232	34	64,064	34	64,896	34	65,728	34	66,560
35	66,880	35	67,760	35	68,640	35	69,520	35	70,400
36	70,908	36	71,841	36	72,774	36	73,707	36	74,640
37	76,152	37	77,154	37	78,156	37	79,158	37	80,160
38	81,016	38	82,082	38	83,148	38	84,214	38	85,280
39	85,880	39	87,010	39	88,140	39	89,270	39	90,400
40	91,200	40	92,400	40	93,600	40	94,800	40	96,000
41	96,064	41	97,328	41	98,592	41	99,856	41	101,120
42	101,308	42	102,641	42	103,974	42	105,307	42	106,640
43	106,552	43	107,954	43	109,356	43	110,758	43	112,160
44	112,252	44	113,729	44	115,206	44	116,683	44	118,160
45	117,496	45	119,042	45	120,588	45	122,134	45	123,680
46	122,816	46	124,432	46	126,048	46	127,664	46	129,280
47	128,440	47	130,130	47	131,820	47	133,510	47	135,200
48	134,140	48	135,905	48	137,670	48	139,435	48	141,200
49	140,220	49	142,065	49	143,910	49	145,755	49	147,600
50	146,680	50	148,610	50	150,540	50	152,470	50	154,400

# TABLE IX.

## ROUND TIMBER REDUCED TO CUBIC MEASURE,

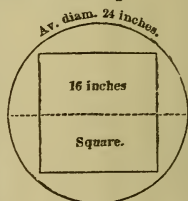
### *By the $\frac{2}{3}$ Rule.*

#### EXPLANATION.

THIS is constructed upon what is generally known as the two-third rule. It is used extensively by lumber dealers and inspectors in many sections of the country, and shows the cubic contents of round timber as reckoned by the above mentioned two-third rule.

The average diameter is supposed to be taken, with callipers, at the middle of the log, inside the bark, or by adding the end diameters, and dividing by 2 for the average diameter. Subtract one-third of the diameter; the remaining two-thirds of the diameter will equal the side of the square. It is necessary to exercise considerable judgment in measuring long round timber, as trees do not always have a regular taper; some logs may have a very large swell at the butt, while others may taper very fast toward the top.

A log having an average diameter of 24 inches would equal a square of 16 inches, as shown in the annexed diagram; and, being 60 feet in length, would contain 106 cubic feet; thus,  $16 \times 16 = 256 \times 60 = 15360 \div 144$  (or by 12 twice) = 106 feet,—fractions in the calculation not counted. Should you



require the contents of the odd lengths, (say 61 feet,) add to the contents of a 60 foot log half the difference between a 60 and 62 foot log of the same diameter; the contents of any log, from 12 to 46 inches in diameter and from 20 to 80 feet in length, may be found at a glance in the same way.

This table gives not only the diameter in inches but also the exact side of the square, as shown at the head of the table.

See pages 145 to 149, inclusive, for table.

ROUND TIMBER REDUCED TO CUBIC MEASURE

*By the  $\frac{2}{3}$  Rule.*

LENGTH IN FEET.	Av. Diam. 12 In. 8 IN. SQ. Cub.ft.	LENGTH IN FEET.	Av. Diam. 13 In. $8\frac{2}{3}$ IN. SQ. Cub.ft.	LENGTH IN FEET.	Av. Diam. 14 In. $9\frac{1}{3}$ IN. SQ. Cub.ft.	LENGTH IN FEET.	Av. Diam. 15 In. 10 IN. SQ. Cub.ft.	LENGTH IN FEET.	Av. Diam. 16 In. $10\frac{2}{3}$ IN. SQ. Cub.ft.	LENGTH IN FEET.	Av. Diam. 17 In. $11\frac{1}{3}$ IN. SQ. Cub.ft.	LENGTH IN FEET.	Av. Diam. 18 In. 12 IN. SQ. Cub.ft.
20	8	20	10	20	12	20	13	20	15	20	17	20	20
22	9	22	11	22	13	22	15	22	17	22	19	22	22
24	10	24	12	24	14	24	16	24	18	24	21	24	24
26	11	26	13	26	15	26	18	26	20	26	23	26	26
28	12	28	14	28	16	28	19	28	21	28	24	28	28
30	13	30	15	30	18	30	20	30	23	30	26	30	30
32	14	32	16	32	19	32	22	32	25	32	28	32	32
34	15	34	17	34	20	34	23	34	26	34	30	34	34
36	16	36	18	36	21	36	25	36	28	36	32	36	36
38	16	38	19	38	22	38	26	38	29	38	33	38	38
40	17	40	20	40	24	40	27	40	31	40	35	40	40
42	18	42	21	42	25	42	29	42	32	42	37	42	42
44	19	44	22	44	26	44	30	44	34	44	39	44	44
46	20	46	23	46	27	46	31	46	36	46	40	46	46
48	21	48	25	48	29	48	33	48	37	48	42	48	48
50	22	50	26	50	30	50	34	50	39	50	44	50	50
52	23	52	27	52	31	52	36	52	40	52	46	52	52
54	24	54	28	54	32	54	37	54	42	54	48	54	54
56	24	56	29	56	33	56	38	56	43	56	49	56	56
58	25	58	30	58	35	58	40	58	45	58	51	58	58
60	26	60	31	60	36	60	41	60	47	60	53	60	60
62	27	62	32	62	37	62	43	62	48	62	55	62	62
64	28	64	33	64	38	64	44	64	50	64	56	64	64
66	29	66	34	66	39	66	45	66	51	66	58	66	66
68	30	68	35	68	41	68	47	68	53	68	60	68	68
70	31	70	36	70	42	70	48	70	54	70	62	70	70
72	32	72	37	72	43	72	50	72	56	72	64	72	72
74	32	74	38	74	44	74	51	74	58	74	65	74	74
76	33	76	39	76	45	76	52	76	59	76	67	76	76
78	34	78	40	78	47	78	54	78	61	78	69	78	78
80	35	80	41	80	48	80	55	80	62	80	71	80	80



## ROUND TIMBER REDUCED TO CUBIC MEASURE

*By the  $\frac{2}{3}$  Rule.*

LENGTH IN FEET.	Av. Diam.	LENGTH IN FEET.	Av. Diam.	LENGTH IN FEET.	Av. Diam.	LENGTH IN FEET.	Av. Diam.	LENGTH IN FEET.	Av. Diam.	LENGTH IN FEET.	Av. Diam.	LENGTH IN FEET.	Av. Diam.
19 In.	12 $\frac{2}{3}$ IN SQ.	20 In.	13 $\frac{1}{3}$ IN SQ.	21 In.	14 IN. SQ.	22 In.	14 $\frac{2}{3}$ IN SQ.	23 In.	15 $\frac{1}{3}$ IN SQ.	24 In.	16 IN. SQ.	25 In.	16 $\frac{2}{3}$ IN SQ.
Cub.ft.	Cub.ft.	Cub.ft.	Cub.ft.	Cub.ft.	Cub.ft.	Cub.ft.	Cub.ft.	Cub.ft.	Cub.ft.	Cub.ft.	Cub.ft.	Cub.ft.	Cub.ft.
20	22	20	24	20	27	20	29	20	32	20	35	20	38
22	24	22	27	22	29	22	32	22	35	22	39	22	42
24	26	24	29	24	32	24	35	24	39	24	42	24	46
26	28	26	31	26	35	26	38	26	42	26	46	26	50
28	31	28	34	28	38	28	41	28	45	28	49	28	53
30	33	30	36	30	40	30	44	30	48	30	53	30	57
32	35	32	39	32	43	32	47	32	52	32	56	32	61
34	37	34	41	34	46	34	50	34	55	34	60	34	65
36	40	36	44	36	49	36	53	36	58	36	64	36	69
38	42	38	46	38	51	38	56	38	62	38	67	38	73
40	44	40	49	40	54	40	59	40	65	40	71	40	76
42	46	42	51	42	57	42	62	42	68	42	74	42	80
44	48	44	54	44	59	44	65	44	71	44	78	44	84
46	51	46	56	46	62	46	68	46	75	46	81	46	88
48	53	48	59	48	65	48	71	48	78	48	85	48	92
50	55	50	61	50	68	50	74	50	81	50	88	50	96
52	57	52	63	52	70	52	77	52	84	52	92	52	100
54	60	54	66	54	73	54	80	54	88	54	96	54	103
56	62	56	68	56	76	56	83	56	91	56	99	56	107
58	64	58	71	58	79	58	86	58	94	58	103	58	111
60	66	60	73	60	81	60	89	60	97	60	106	60	115
62	68	62	76	62	84	62	92	62	101	62	110	62	119
64	71	64	78	64	87	64	95	64	104	64	113	64	123
66	73	66	81	66	89	66	98	66	107	66	116	66	126
68	75	68	83	68	92	68	101	68	110	68	120	68	130
70	77	70	86	70	95	70	104	70	114	70	124	70	134
72	80	72	88	72	98	72	107	72	117	72	128	72	138
74	82	74	90	74	100	74	109	74	120	74	131	74	142
76	84	76	93	76	103	76	112	76	124	76	135	76	146
78	86	78	95	78	106	78	115	78	127	78	138	78	150
80	88	80	98	80	108	80	118	80	130	80	142	80	153



ROUND TIMBER REDUCED TO CUBIC MEASURE

*By the  $\frac{2}{3}$  Rule.*

LENGTH IN FEET.	Av. Diam.	LENGTH IN FEET.	Av. Diam.	LENGTH IN FEET.	Av. Diam.	LENGTH IN FEET.	Av. Diam.	LENGTH IN FEET.	Av. Diam.	LENGTH IN FEET.	Av. Diam.	LENGTH IN FEET.	Av. Diam.
26 In.		27 In.		28 In.		29 In.		30 In.		31 In.		32 In.	
$17\frac{1}{3}$ IN SQ.		18 IN. SQ.		$18\frac{2}{3}$ IN SQ.		$19\frac{1}{3}$ IN SQ.		20 IN. SQ.		$20\frac{2}{3}$ IN SQ.		$21\frac{1}{3}$ IN SQ.	
Cub.ft.		Cub.ft.		Cub.ft.		Cub.ft.		Cub.ft.		Cub.ft.		Cub.ft.	
20	41	20	45	20	48	20	51	20	55	20	59	20	63
22	45	22	49	22	53	22	56	22	61	22	65	22	69
24	50	24	54	24	58	24	62	24	66	24	71	24	75
26	54	26	58	26	62	26	67	26	72	26	76	26	81
28	58	28	63	28	67	28	72	28	77	28	82	28	88
30	62	30	67	30	72	30	77	30	83	30	88	30	94
32	66	32	72	32	77	32	82	32	88	32	94	32	100
34	70	34	76	34	82	34	88	34	94	34	100	34	107
36	75	36	81	36	87	36	93	36	100	36	106	36	113
38	79	38	85	38	91	38	98	38	105	38	112	38	119
40	83	40	90	40	96	40	103	40	111	40	118	40	126
42	87	42	94	42	101	42	108	42	116	42	124	42	132
44	91	44	99	44	106	44	113	44	122	44	130	44	138
46	95	46	103	46	111	46	119	46	127	46	136	46	145
48	100	48	108	48	116	48	124	48	133	48	142	48	151
50	104	50	112	50	120	50	129	50	138	50	147	50	157
52	108	52	117	52	125	52	134	52	144	52	153	52	163
54	112	54	121	54	130	54	139	54	150	54	159	54	170
56	116	56	126	56	135	56	145	56	155	56	165	56	176
58	120	58	130	58	140	58	150	58	161	58	171	58	182
60	125	60	135	60	145	60	155	60	166	60	177	60	189
62	129	62	139	62	149	62	160	62	172	62	183	62	195
64	133	64	144	64	154	64	165	64	177	64	189	64	201
66	137	66	148	66	159	66	170	66	183	66	195	66	208
68	141	68	153	68	164	68	176	68	188	68	201	68	214
70	145	70	157	70	169	70	181	70	194	70	207	70	220
72	150	72	162	72	174	72	186	72	200	72	213	72	226
74	154	74	166	74	178	74	191	74	205	74	218	74	233
76	158	76	171	76	183	76	196	76	211	76	224	76	239
78	162	78	175	78	188	78	201	78	216	78	230	78	245
80	166	80	180	80	193	80	207	80	222	80	236	80	252

## ROUND TIMBER REDUCED TO CUBIC MEASURE

*By the  $\frac{2}{3}$  Rule.*

LENGTH IN FEET.	Av. Diam. 33 In.	LENGTH IN FEET.	Av. Diam. 34 In.	LENGTH IN FEET.	Av. Diam. 35 In.	LENGTH IN FEET.	Av. Diam. 36 In.	LENGTH IN FEET.	Av. Diam. 37 In.	LENGTH IN FEET.	Av. Diam. 38 In.	LENGTH IN FEET.	Av. Diam. 39 In.
22 IN. SQ.	22 $\frac{2}{3}$ IN. SQ.	22 IN. SQ.	22 $\frac{2}{3}$ IN. SQ.	22 IN. SQ.	22 $\frac{2}{3}$ IN. SQ.	22 IN. SQ.	22 $\frac{2}{3}$ IN. SQ.	22 IN. SQ.	22 $\frac{2}{3}$ IN. SQ.	22 IN. SQ.	22 $\frac{2}{3}$ IN. SQ.	22 IN. SQ.	22 $\frac{2}{3}$ IN. SQ.
Cub.ft.	Cub.ft.	Cub.ft.	Cub.ft.	Cub.ft.	Cub.ft.	Cub.ft.	Cub.ft.	Cub.ft.	Cub.ft.	Cub.ft.	Cub.ft.	Cub.ft.	Cub.ft.
20	67	20	71	20	75	20	80	20	84	20	89	20	93
22	73	22	78	22	83	22	88	22	92	22	97	22	103
24	80	24	85	24	90	24	96	24	101	24	106	24	112
26	87	26	92	26	98	26	104	26	109	26	115	26	122
28	94	28	99	28	105	28	112	28	118	28	124	28	131
30	100	30	106	30	113	30	120	30	126	30	133	30	140
32	107	32	114	32	120	32	128	32	135	32	142	32	150
34	114	34	121	34	128	34	136	34	143	34	151	34	159
36	121	36	128	36	136	36	144	36	152	36	160	36	169
38	127	38	135	38	143	38	152	38	160	38	169	38	178
40	134	40	142	40	151	40	160	40	168	40	178	40	187
42	141	42	149	42	158	42	168	42	177	42	186	42	197
44	147	44	156	44	166	44	176	44	185	44	195	44	206
46	154	46	163	46	173	46	184	46	194	46	204	46	215
48	161	48	171	48	181	48	192	48	202	48	213	48	225
50	168	50	178	50	188	50	200	50	211	50	222	50	234
52	174	52	185	52	196	52	208	52	219	52	231	52	244
54	181	54	192	54	204	54	216	54	228	54	240	54	253
56	188	56	199	56	211	56	224	56	236	56	249	56	262
58	194	58	206	58	219	58	232	58	244	58	258	58	272
60	201	60	213	60	226	60	240	60	253	60	267	60	281
62	208	62	220	62	234	62	248	62	261	62	275	62	291
64	215	64	228	64	241	64	256	64	270	64	284	64	300
66	221	66	235	66	249	66	264	66	278	66	293	66	309
68	228	68	242	68	256	68	272	68	287	68	302	68	319
70	225	70	249	70	264	70	280	70	295	70	311	70	328
72	242	72	256	72	272	72	288	72	304	72	320	72	338
74	248	74	263	74	279	74	296	74	312	74	329	74	347
76	255	76	270	76	285	76	304	76	320	76	338	76	357
78	262	78	277	78	294	78	312	78	329	78	347	78	366
80	268	80	285	80	302	80	320	80	337	80	356	80	375

ROUND TIMBER REDUCED TO CUBIC MEASURE

*By the  $\frac{2}{3}$  Rule.*

LENGTH IN FEET.	Av. Diam.	LENGTH IN FEET.	Av. Diam.	LENGTH IN FEET.	Av. Diam.	LENGTH IN FEET.	Av. Diam.	LENGTH IN FEET.	Av. Diam.	LENGTH IN FEET.	Av. Diam.	LENGTH IN FEET.	Av. Diam.
40 In.		41 In.		42 In.		43 In.		44 In.		45 In.		46 In.	
$26\frac{2}{3}$ IN.		$27\frac{1}{3}$ IN.		28 IN.		$28\frac{2}{3}$ IN.		$29\frac{1}{3}$ IN.		30 IN.		$30\frac{2}{3}$ IN.	
SQ.		SQ.		SQ.		SQ.		SQ.		SQ.		SQ.	
Cub.ft.		Cub.ft.		Cub.ft.		Cub.ft.		Cub.ft.		Cub.ft.		Cub.ft.	
20	98	20	103	20	108	20	114	20	119	20	125	20	130
22	108	22	114	22	119	22	125	22	131	22	137	22	143
24	118	24	124	24	130	24	136	24	143	24	150	24	156
26	128	26	134	26	141	26	148	26	155	26	162	26	169
28	138	28	145	28	152	28	159	28	167	28	175	28	182
30	147	30	155	30	163	30	171	30	179	30	187	30	195
32	157	32	166	32	174	32	182	32	191	32	200	32	208
34	167	34	176	34	185	34	193	34	203	34	212	34	221
36	177	36	186	36	196	36	205	36	215	36	225	36	235
38	187	38	197	38	206	38	216	38	226	38	237	38	248
40	197	40	207	40	217	40	228	40	238	40	250	40	261
42	207	42	217	42	228	42	239	42	250	42	262	42	274
44	216	44	228	44	239	44	250	44	262	44	275	44	287
46	226	46	238	46	250	46	262	46	274	46	287	46	300
48	236	48	249	48	261	48	273	48	286	48	300	48	313
50	246	50	259	50	272	50	285	50	298	50	312	50	326
52	256	52	269	52	283	52	296	52	310	52	325	52	339
54	266	54	280	54	294	54	307	54	322	54	337	54	352
56	277	56	290	56	304	56	319	56	334	56	350	56	365
58	285	58	300	58	315	58	330	58	346	58	362	58	378
60	295	60	311	60	326	60	342	60	358	60	375	60	391
62	305	62	321	62	337	62	353	62	370	62	387	62	404
64	315	64	332	64	348	64	364	64	382	64	400	64	417
66	325	66	342	66	359	66	376	66	394	66	412	66	430
68	335	68	352	68	370	68	387	68	406	68	425	68	443
70	345	70	363	70	381	70	399	70	418	70	437	70	456
72	355	72	373	72	392	72	410	72	430	72	450	72	470
74	364	74	383	74	402	74	421	74	441	74	462	74	483
76	374	76	394	76	413	76	433	76	453	76	475	76	496
78	384	78	404	78	424	78	444	78	465	78	487	78	509
80	394	80	415	80	435	80	456	80	477	80	500	80	522

## TABLE X.

### ROUND TIMBER, REDUCED TO CUBIC MEASURE.

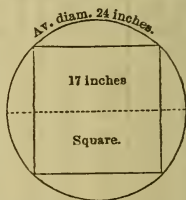
*Showing Contents of Square Inscribed in Circle.*

#### EXPLANATION.

THIS table is very useful and convenient, and is much used, in many places, for ascertaining, at first sight, the solid or cubical contents (slab not counted) of any round timber, when squared, by square inscribed within a circle, as shown by the annexed diagram.

Suppose the average diameter of a log to be 24 inches, as shown by diagram; this gives the side of inscribed square, 17 inches.

Now  $17 \times 17 = 289$ , and this multiplied by the length of the log (say 60 feet,) we have  $289 \times 60 = 17,340$ , which divided by 144 (or by twelve twice) gives 120 feet,—fractions in calculation not counted: the contents of a log, 60 feet in length and 24 inches average diameter.



Should you require the contents of the odd lengths (say 61 feet,) add to the contents of a 60 foot log, half the difference between a 60 and 62 foot log of the same diameter.

The contents of any sized log, from 12 to 46 inches diameter and from 20 to 80 feet in length, may be obtained in the same way.

The side of any inscribed square can be found as follows:—Multiply the diameter by 17, and divide by 24; or, multiply the diameter by .7071; this will give the side of the inscribed square with sufficient accuracy for any practical purpose.

This table shows not only the diameter in inches but also the side of the square to the nearest fourth of an inch, as shown at the head of the table.

See pages 151 to 155, inclusive, for table.

ROUND TIMBER REDUCED TO CUBIC MEASURE,

*Showing Contents of Square Inscribed In Circle.*

LENGTH IN FEET.	Av. Diam.	LENGTH IN FEET.	Av. Diam.	LENGTH IN FEET.	Av. Diam.	LENGTH IN FEET.	Av. Diam.	LENGTH IN FEET.	Av. Diam.	LENGTH IN FEET.	Av. Diam.	LENGTH IN FEET.	Av. Diam.
12 In.		13 In.		14 In.		15 In.		16 In.		17 In.		18 In.	
$8\frac{1}{2}$ IN. SQ.		$9\frac{1}{4}$ IN. SQ.		10 IN. SQ.		$10\frac{1}{2}$ IN. SQ.		$11\frac{1}{4}$ IN. SQ.		12 IN. SQ.		$12\frac{3}{4}$ IN. SQ.	
Cub.ft.		Cub.ft.		Cub.ft.		Cub.ft.		Cub.ft.		Cub.ft.		Cub.ft.	
20	10	20	11	20	13	20	15	20	17	20	20	20	22
22	11	22	13	22	15	22	16	22	19	22	22	22	24
24	12	24	14	24	16	24	18	24	21	24	24	24	27
26	13	26	15	26	18	26	19	26	22	26	26	26	29
28	14	28	16	28	19	28	21	28	24	28	28	28	31
30	15	30	17	30	20	30	22	30	26	30	30	30	33
32	16	32	19	32	22	32	24	32	28	32	32	32	36
34	17	34	20	34	23	34	26	34	29	34	34	34	38
36	18	36	21	36	25	36	27	36	31	36	36	36	40
38	19	38	22	38	26	38	29	38	33	38	38	38	42
40	20	40	23	40	27	40	30	40	35	40	40	40	45
42	21	42	24	42	29	42	32	42	36	42	42	42	47
44	22	44	26	44	30	44	33	44	38	44	44	44	49
46	23	46	27	46	31	46	35	46	40	46	46	46	51
48	24	48	28	48	33	48	36	48	42	48	48	48	54
50	25	50	29	50	34	50	38	50	43	50	50	50	56
52	26	52	30	52	36	52	39	52	45	52	52	52	58
54	27	54	32	54	37	54	41	54	47	54	54	54	60
56	28	56	33	56	38	56	42	56	49	56	56	56	63
58	29	58	34	58	40	58	44	58	50	58	58	58	65
60	30	60	35	60	41	60	45	60	52	60	60	60	67
62	31	62	36	62	43	62	47	62	54	62	62	62	69
64	32	64	38	64	44	64	49	64	56	64	64	64	72
66	33	66	39	66	45	66	50	66	58	66	66	66	74
68	34	68	40	68	47	68	52	68	59	68	68	68	76
70	35	70	41	70	48	70	53	70	61	70	70	70	79
72	36	72	42	72	50	72	55	72	63	72	72	72	81
74	37	74	43	74	51	74	56	74	65	74	74	74	83
76	38	76	45	76	53	76	58	76	66	76	76	76	85
78	39	78	46	78	54	78	59	78	68	78	78	78	88
80	40	80	47	80	55	80	61	80	70	80	80	80	90



## ROUND TIMBER REDUCED TO CUBIC MEASURE,

*Showing Contents of Square Inscribed in Circle.*

LENGTH IN FEET.	Av. Diam.	LENGTH IN FEET.	Av. Diam.	LENGTH IN FEET.	Av. Diam.	LENGTH IN FEET.	Av. Diam.	LENGTH IN FEET.	Av. Diam.	LENGTH IN FEET.	Av. Diam.	LENGTH IN FEET.	Av. Diam.
19 In.		20 In.		21 In.		22 In.		23 In.		24 In.		25 In.	
$13\frac{1}{2}$ IN SQ.		14 IN. SQ.		$14\frac{3}{4}$ IN SQ.		$15\frac{1}{2}$ IN SQ.		$16\frac{1}{4}$ IN SQ.		17 IN. SQ.		$17\frac{1}{2}$ IN SQ.	
Cub.ft.		Cub.ft.		Cub.ft.		Cub.ft.		Cub.ft.		Cub.ft.		Cub.ft.	
20	25	20	27	20	30	20	33	20	36	20	40	20	42
22	27	22	29	22	33	22	36	22	40	22	44	22	46
24	30	24	32	24	36	24	40	24	44	24	48	24	51
26	32	26	35	26	39	26	43	26	47	26	52	26	55
28	35	28	38	28	42	28	46	28	51	28	56	28	59
30	37	30	40	30	45	30	50	30	55	30	60	30	63
32	40	32	43	32	48	32	53	32	58	32	64	32	68
34	43	34	46	34	51	34	56	34	62	34	68	34	72
36	45	36	49	36	54	36	60	36	66	36	72	36	76
38	48	38	51	38	57	38	63	38	69	38	76	38	80
40	50	40	54	40	60	40	66	40	73	40	80	40	85
42	53	42	57	42	63	42	70	42	77	42	84	42	89
44	55	44	59	44	66	44	73	44	80	44	88	44	93
46	58	46	62	46	69	46	76	46	84	46	92	46	97
48	60	48	65	48	72	48	80	48	88	48	96	48	102
50	63	50	68	50	75	50	83	50	91	50	100	50	106
52	65	52	70	52	78	52	86	52	95	52	104	52	110
54	68	54	73	54	81	54	90	54	99	54	108	54	114
56	70	56	76	56	84	56	93	56	102	56	112	56	119
58	73	58	78	58	87	58	96	58	106	58	116	58	123
60	75	60	81	60	90	60	100	60	110	60	120	60	127
62	78	62	84	62	93	62	103	62	113	62	124	62	131
64	81	64	87	64	96	64	106	64	117	64	128	64	136
66	83	66	89	66	99	66	110	66	121	66	132	66	140
68	86	68	92	68	102	68	113	68	124	68	136	68	144
70	88	70	95	70	105	70	116	70	128	70	140	70	148
72	91	72	98	72	108	72	120	72	132	72	144	72	153
74	93	74	100	74	111	74	123	74	135	74	148	74	157
76	96	76	103	76	114	76	126	76	139	76	152	76	161
78	98	78	106	78	117	78	130	78	143	78	156	78	165
80	101	80	108	80	120	80	133	80	146	80	160	80	170



ROUND TIMBER REDUCED TO CUBIC MEASURE,

*Showing Contents of Square Incribed in Circle.*

LENGTH IN FEET.	Av. Diam.	LENGTH IN FEET.	Av. Diam.	LENGTH IN FEET.	Av. Diam.	LENGTH IN FEET.	Av. Diam.	LENGTH IN FEET.	Av. Diam.	LENGTH IN FEET.	Av. Diam.	LENGTH IN FEET.	Av. Diam.
26 In.		27 In.		28 In.		29 In.		30 In.		31 In.		32 In.	
$18\frac{1}{4}$ IN SQ.		19 IN. SQ.		$19\frac{3}{4}$ IN SQ.		$20\frac{1}{2}$ IN SQ.		$21\frac{1}{4}$ IN SQ.		22 IN. SQ.		$22\frac{1}{2}$ IN SQ.	
Cub.ft.		Cub.ft.		Cub.ft.		Cub.ft.		Cub.ft.		Cub.ft.		Cub.ft.	
20	46	20	50	20	54	20	58	20	62	20	67	20	70
22	50	22	55	22	59	22	64	22	68	22	73	22	77
24	55	24	60	24	65	24	70	24	75	24	80	24	84
26	60	26	65	26	70	26	75	26	81	26	87	26	91
28	64	28	70	28	75	28	81	28	87	28	94	28	98
30	69	30	75	30	81	30	87	30	94	30	100	30	105
32	74	32	80	32	86	32	93	32	100	32	107	32	112
34	78	34	85	34	92	34	99	34	106	34	114	34	119
36	83	36	90	36	97	36	105	36	112	36	121	36	126
38	87	38	95	38	102	38	110	38	119	38	127	38	133
40	92	40	100	40	108	40	116	40	125	40	134	40	140
42	97	42	105	42	113	42	122	42	131	42	141	42	147
44	101	44	110	44	119	44	128	44	137	44	147	44	154
46	106	46	115	46	124	46	134	46	144	46	154	46	161
48	110	48	120	48	130	48	140	48	150	48	161	48	168
50	115	50	125	50	135	50	145	50	156	50	168	50	175
52	120	52	130	52	140	52	151	52	163	52	174	52	182
54	124	54	135	54	146	54	157	54	169	54	181	54	189
56	129	56	140	56	151	56	163	56	175	56	188	56	196
58	134	58	145	58	157	58	169	58	181	58	194	58	203
60	138	60	150	60	162	60	175	60	188	60	201	60	210
62	143	62	155	62	167	62	180	62	194	62	208	62	217
64	148	64	160	64	173	64	186	64	200	64	215	64	225
66	152	66	165	66	178	66	192	66	206	66	221	66	232
68	157	68	170	68	184	68	198	68	213	68	228	68	239
70	161	70	175	70	189	70	204	70	219	70	235	70	246
72	166	72	180	72	195	72	210	72	225	72	242	72	253
74	171	74	185	74	200	74	215	74	232	74	248	74	260
76	175	76	190	76	205	76	221	76	238	76	255	76	267
78	180	78	195	78	211	78	227	78	244	78	262	78	274
80	185	80	200	80	216	80	233	80	250	80	268	80	281

## ROUND TIMBER REDUCED TO CUBIC MEASURE,

*Showing Contents of Square Inscribed in Circle.*

LENGTH IN FEET.	Av. Diam.	LENGTH IN FEET.	Av. Diam.	LENGTH IN FEET.	Av. Diam.	LENGTH IN FEET.	Av. Diam.	LENGTH IN FEET.	Av. Diam.	LENGTH IN FEET.	Av. Diam.	LENGTH IN FEET.	Av. Diam.
33 In.		34 In.		35 In.		36 In.		37 In.		38 In.		39 In.	
$23\frac{1}{4}$ IN SQ.		24 IN. SQ.		$24\frac{3}{4}$ IN SQ.		$25\frac{1}{2}$ IN SQ.		26 IN. SQ.		$26\frac{3}{4}$ IN SQ.		$27\frac{1}{2}$ IN SQ.	
Cub.ft.		Cub.ft.		Cub.ft.		Cub.ft.		Cub.ft.		Cub.ft.		Cub.ft.	
20	75	20	80	20	85	20	90	20	93	20	99	20	105
22	82	22	88	22	93	22	99	22	103	22	109	22	115
24	90	24	96	24	102	24	108	24	112	24	119	24	126
26	97	26	104	26	110	26	117	26	122	26	129	26	136
28	105	28	112	28	119	28	126	28	131	28	139	28	147
30	112	30	120	30	127	30	135	30	140	30	149	30	157
32	120	32	128	32	136	32	144	32	150	32	159	32	168
34	127	34	136	34	144	34	153	34	159	34	168	34	178
36	135	36	144	36	153	36	162	36	169	36	178	36	189
38	142	38	152	38	161	38	171	38	178	38	188	38	199
40	150	40	160	40	170	40	180	40	187	40	198	40	210
42	157	42	168	42	178	42	189	42	197	42	208	42	220
44	165	44	176	44	187	44	198	44	206	44	218	44	231
46	172	46	184	46	195	46	207	46	215	46	228	46	241
48	180	48	192	48	204	48	216	48	225	48	238	48	252
50	187	50	200	50	212	50	225	50	234	50	248	50	262
52	195	52	208	52	221	52	234	52	244	52	258	52	273
54	202	54	216	54	229	54	243	54	253	54	268	54	283
56	210	56	224	56	238	56	252	56	262	56	278	56	294
58	217	58	232	58	246	58	261	58	272	58	288	58	304
60	225	60	240	60	255	60	270	60	281	60	298	60	315
62	232	62	248	62	263	62	279	62	291	62	308	62	325
64	240	64	256	64	272	64	289	64	300	64	318	64	336
66	247	66	264	66	280	66	298	66	309	66	327	66	346
68	255	68	272	68	289	68	307	68	319	68	337	68	357
70	262	70	280	70	297	70	316	70	329	70	347	70	367
72	270	72	288	72	306	72	325	72	338	72	357	72	378
74	277	74	296	74	314	74	334	74	347	74	367	74	388
76	285	76	304	76	323	76	343	76	356	76	377	76	399
78	293	78	312	78	331	78	352	78	366	78	387	78	409
80	300	80	320	80	340	80	361	80	375	80	397	80	420

ROUND TIMBER REDUCED TO CUBIC MEASURE,

*Showing Contents of Square Inscribed in Circle.*

LENGTH IN FEET.	Av. Diam.	LENGTH IN FEET.	Av. Diam.	LENGTH IN FEET.	Av. Diam.	LENGTH IN FEET.	Av. Diam.	LENGTH IN FEET.	Av. Diam.	LENGTH IN FEET.	Av. Diam.	LENGTH IN FEET.	Av. Diam.
40 In.		41 In.		42 In.		43 In.		44 In.		45 In.		46 In.	
$28\frac{1}{4}$ IN		29 IN.		$29\frac{1}{2}$ IN		$30\frac{1}{4}$ IN		31 IN.		$31\frac{3}{4}$ IN		$32\frac{1}{2}$ IN	
SQ.		SQ.		SQ.		SQ.		SQ.		SQ.		SQ.	
Cub.ft.		Cub.ft.		Cub.ft.		Cub.ft.		Cub.ft.		Cub.ft.		Cub.ft.	
20	110	20	116	20	120	20	127	20	133	20	140	20	146
22	121	22	128	22	132	22	139	22	146	22	154	22	161
24	133	24	140	24	145	24	152	24	160	24	168	24	176
26	144	26	151	26	157	26	165	26	173	26	182	26	190
28	155	28	163	28	169	28	177	28	186	28	196	28	205
30	166	30	175	30	181	30	190	30	200	30	210	30	220
32	177	32	186	32	193	32	203	32	213	32	224	32	234
34	188	34	198	34	205	34	216	34	226	34	238	34	249
36	199	36	210	36	217	36	228	36	240	36	252	36	264
38	210	38	221	38	229	38	241	38	253	38	266	38	278
40	221	40	233	40	241	40	254	40	266	40	280	40	293
42	232	42	245	42	253	42	266	42	280	42	294	42	308
44	243	44	256	44	265	44	279	44	293	44	308	44	322
46	254	46	268	46	277	46	292	46	306	46	322	46	337
48	266	48	280	48	290	48	305	48	320	48	336	48	352
50	277	50	292	50	302	50	317	50	333	50	350	50	366
52	288	52	303	52	315	52	330	52	347	52	364	52	381
54	299	54	315	54	326	54	343	54	360	54	378	54	396
56	310	56	327	56	338	56	355	56	373	56	392	56	410
58	321	58	338	58	350	58	368	58	387	58	406	58	425
60	332	60	350	60	362	60	381	60	400	60	420	60	440
62	343	62	362	62	374	62	393	62	413	62	434	62	454
64	354	64	373	64	386	64	406	64	427	64	448	64	469
66	365	66	385	66	398	66	419	66	440	66	462	66	484
68	376	68	397	68	410	68	432	68	453	68	476	68	498
70	387	70	408	70	423	70	444	70	467	70	490	70	513
72	399	72	420	72	435	72	457	72	480	72	504	72	528
74	410	74	432	74	447	74	470	74	493	74	518	74	542
76	421	76	443	76	459	76	482	76	507	76	532	76	557
78	432	78	455	78	471	78	495	78	520	78	546	78	572
80	443	80	467	80	483	80	508	80	533	80	560	80	586

## TABLE XI.

# FULL CONTENTS OF ROUND TIMBER, CUBIC MEASURE.

## *Including the Slab.*

### EXPLANATION.

THE following table will be found very useful and convenient to lumber-dealers, and others engaged in buying or selling round timber, of which it is desired to ascertain the entire or cubic contents, including the slab.

In order to find the solid or cubic contents of a log, (say 60 feet in length, and 24 inches averaged diameter,) find in the column of lengths 60, and at the head of the table 24, which is the average diameter in inches; trace the column of lengths till you reach 60; the figures in the column to the right, and under the required diameter, equal the solid contents; thus, opposite 60 and under 24 is 188,—this is the solid contents in cubic feet.

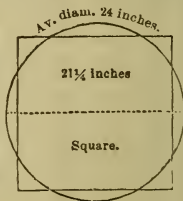
The contents of any odd lengths can be obtained as follows:—Should you desire to obtain the contents of a log, 61 feet in length, add to the contents of a 60 foot log half the difference between a 60 and 62 foot log of the same diameter.

To find the side of a square equal to a given circle: Multiply the diameter by 21.27 and divide by 24; or, multiply the diameter by .8862.

The annexed diagram represents a diameter of 24 inches, equal to a square of  $21\frac{1}{4}$  inches.

This table shows not only the diameter in inches, but also the side of the square to the nearest fourth of an inch, as exhibited at the head of the table.

See pages 157 to 161, inclusive, for table.



FULL CONTENTS OF ROUND TIMBER CUBIC MEASURE,

*Including the Slab.*

LENGTH IN FEET.	Av. Diam.	LENGTH IN FEET.	Av. Diam.	LENGTH IN FEET.	Av. Diam.	LENGTH IN FEET.	Av. Diam.	LENGTH IN FEET.	Av. Diam.	LENGTH IN FEET.	Av. Diam.	LENGTH IN FEET.	Av. Diam.
12 In.		13 In.		14 In.		15 In.		16 In.		17 In.		18 In.	
10½ IN SQ.		11½ IN SQ.		12½ IN SQ.		13¼ IN SQ.		14¼ IN SQ.		15 IN. SQ.		16 IN. SQ.	
Cub.ft.		Cub.ft.		Cub.ft.		Cub.ft.		Cub.ft.		Cub.ft.		Cub.ft.	
20	15	20	18	20	21	20	24	20	28	20	31	20	35
22	16	22	20	22	23	22	26	22	31	22	34	22	39
24	18	24	22	24	26	24	29	24	33	24	37	24	42
26	19	26	23	26	28	26	31	26	36	26	40	26	46
28	21	28	25	28	30	28	34	28	39	28	43	28	49
30	22	30	27	30	32	30	36	30	42	30	46	30	53
32	24	32	29	32	34	32	39	32	45	32	50	32	56
34	26	34	31	34	36	34	41	34	47	34	53	34	60
36	27	36	33	36	39	36	43	36	50	36	56	36	64
38	29	38	34	38	41	38	46	38	53	38	59	38	67
40	30	40	36	40	43	40	48	40	56	40	62	40	71
42	32	42	38	42	45	42	51	42	59	42	65	42	74
44	33	44	40	44	47	44	53	44	62	44	68	44	78
46	35	46	42	46	49	46	56	46	64	46	71	46	81
48	36	48	44	48	52	48	58	48	67	48	75	48	85
50	38	50	45	50	54	50	60	50	70	50	78	50	88
52	39	52	47	52	56	52	63	52	73	52	81	52	92
54	41	54	49	54	58	54	65	54	76	54	84	54	96
56	42	56	51	56	60	56	68	56	78	56	87	56	99
58	44	58	53	58	62	58	70	58	81	58	90	58	103
60	45	60	55	60	65	60	73	60	84	60	93	60	106
62	47	62	56	62	67	62	75	62	87	62	96	62	110
64	49	64	58	64	69	64	78	64	90	64	100	64	113
66	50	66	60	66	71	66	80	66	93	66	103	66	117
68	52	68	62	68	73	68	82	68	95	68	106	68	120
70	53	70	64	70	75	70	85	70	98	70	109	70	124
72	55	72	66	72	78	72	87	72	101	72	112	72	128
74	56	74	67	74	80	74	90	74	104	74	115	74	131
76	58	76	69	76	82	76	92	76	107	76	118	76	135
78	59	78	71	78	84	78	95	78	109	78	121	78	138
80	61	80	73	80	86	80	97	80	112	80	125	80	142



FULL CONTENTS OF ROUND TIMBER CUBIC MEASURE,  
*Including the Slab.*

LENGTH IN FEET.	Av. Diam. 19 In. $16\frac{3}{4}$ IN SQ. Cub. ft.	LENGTH IN FEET.	Av. Diam. 20 In. $17\frac{3}{4}$ IN SQ. Cub. ft.	LENGTH IN FEET.	Av. Diam. 21 In. $18\frac{1}{2}$ IN SQ. Cub. ft.	LENGTH IN FEET.	Av. Diam. 22 In. $19\frac{1}{2}$ IN SQ. Cub. ft.	LENGTH IN FEET.	Av. Diam. 23 In. $20\frac{1}{4}$ IN SQ. Cub. ft.	LENGTH IN FEET.	Av. Diam. 24 In. $21\frac{1}{4}$ IN SQ. Cub. ft.	LENGTH IN FEET.	Av. Diam. 25 In. 22 IN. SQ. Cub. ft.
20	38	20	43	20	47	20	52	20	56	20	62	20	67
22	42	22	48	22	52	22	58	22	62	22	68	22	73
24	46	24	52	24	57	24	63	24	68	24	75	24	80
26	50	26	56	26	61	26	68	26	74	26	81	26	87
28	54	28	61	28	66	28	73	28	79	28	87	28	94
30	58	30	65	30	71	30	79	30	85	30	94	30	100
32	62	32	70	32	76	32	84	32	91	32	100	32	107
34	66	34	74	34	80	34	89	34	96	34	106	34	114
36	70	36	78	36	85	36	95	36	102	36	112	36	121
38	74	38	83	38	90	38	100	38	108	38	119	38	127
40	77	40	87	40	95	40	105	40	113	40	125	40	134
42	81	42	91	42	99	42	110	42	119	42	131	42	141
44	85	44	96	44	104	44	116	44	125	44	137	44	147
46	89	46	100	46	109	46	121	46	131	46	144	46	154
48	93	48	105	48	114	48	126	48	136	48	150	48	161
50	97	50	109	50	118	50	132	50	142	50	156	50	168
52	101	52	113	52	123	52	137	52	148	52	163	52	174
54	105	54	118	54	128	54	142	54	153	54	169	54	181
56	109	56	122	56	133	56	147	56	159	56	175	56	188
58	113	58	126	58	137	58	153	58	165	58	181	58	194
60	117	60	131	60	142	60	158	60	170	60	188	60	201
62	120	62	135	62	147	62	163	62	176	62	194	62	208
64	124	64	140	64	152	64	169	64	182	64	200	64	215
66	128	66	144	66	156	66	174	66	187	66	206	66	221
68	132	68	148	68	161	68	179	68	193	68	213	68	228
70	136	70	153	70	166	70	184	70	199	70	219	70	235
72	140	72	157	72	171	72	190	72	205	72	225	72	242
74	144	74	161	74	175	74	195	74	210	74	232	74	248
76	148	76	166	76	180	76	200	76	216	76	238	76	255
78	151	78	170	78	185	78	205	78	222	78	244	78	262
80	155	80	175	80	190	80	211	80	227	80	250	80	268



FULL CONTENTS OF ROUND TIMBER CUBIC MEASURE,

*Including the Slab.*

LENGTH IN FEET	Av. Diam.	LENGTH IN FEET.	Av. Diam.	LENGTH IN FEET.	Av. Diam.	LENGTH IN FEET.	Av. Diam.	LENGTH IN FEET.	Av. Diam.	LENGTH IN FEET.	Av. Diam.	LENGTH IN FEET.	Av. Diam.
26 In.	27 In.	28 In.	29 In.	30 In.	31 In.	32 In.							
23 IN. SQ.	24 IN. SQ.	24 $\frac{3}{4}$ IN SQ.	25 $\frac{3}{4}$ IN SQ.	26 $\frac{1}{2}$ IN SQ.	27 $\frac{1}{2}$ IN SQ.	28 $\frac{1}{4}$ IN SQ.							
Cub.ft.	Cub.ft.	Cub.ft.	Cub.ft.	Cub.ft.	Cub.ft.	Cub.ft.							
20	73	20	80	20	85	20	92	20	97	20	105	20	110
22	80	22	88	22	93	22	101	22	107	22	115	22	121
24	88	24	96	24	102	24	110	24	117	24	126	24	133
26	95	26	104	26	110	26	119	26	126	26	136	26	144
28	102	28	112	28	119	28	128	28	136	28	147	28	155
30	110	30	120	30	127	30	138	30	146	30	157	30	166
32	117	32	128	32	136	32	147	32	156	32	168	32	177
34	124	34	136	34	144	34	156	34	165	34	178	34	188
36	132	36	144	36	153	36	165	36	175	36	189	36	199
38	139	38	152	38	161	38	174	38	185	38	199	38	210
40	146	40	160	40	170	40	184	40	195	40	210	40	221
42	154	42	168	42	178	42	193	42	204	42	220	42	232
44	161	44	176	44	187	44	202	44	214	44	231	44	243
46	168	46	184	46	195	46	211	46	224	46	241	46	254
48	176	48	192	48	204	48	221	48	234	48	252	48	266
50	183	50	200	50	212	50	230	50	243	50	262	50	277
52	191	52	208	52	221	52	239	52	253	52	273	52	288
54	198	54	216	54	229	54	248	54	263	54	283	54	299
56	205	56	224	56	238	56	257	56	273	56	294	56	310
58	213	58	232	58	246	58	267	58	282	58	304	58	321
60	220	60	240	60	255	60	276	60	292	60	315	60	332
62	227	62	248	62	263	62	285	62	302	62	325	62	343
64	235	64	256	64	272	64	294	64	312	64	336	64	354
66	242	66	264	66	280	66	303	66	321	66	346	66	365
68	249	68	272	68	289	68	313	68	331	68	357	68	376
70	257	70	280	70	297	70	322	70	341	70	367	70	387
72	264	72	288	72	306	72	331	72	351	72	378	72	399
74	271	74	296	74	314	74	340	74	360	74	388	74	410
76	279	76	304	76	323	76	349	76	370	76	399	76	421
78	286	78	312	78	331	78	359	78	380	78	409	78	432
80	293	80	320	80	340	80	368	80	390	80	420	80	443

## FULL CONTENTS OF ROUND TIMBER CUBIC MEASURE,

*Including the Slab.*

LENGTH IN FEET.	Av. Diam. 33 In. 29 $\frac{1}{4}$ IN SQ. Cub.ft.	LENGTH IN FEET.	Av. Diam. 34 In. 30 IN. SQ. Cub.ft.	LENGTH IN FEET.	Av. Diam. 35 In. 31 IN. SQ. Cub.ft.	LENGTH IN FEET.	Av. Diam. 36 In. 32 IN. SQ. Cub.ft.	LENGTH IN FEET.	Av. Diam. 37 In. 32 $\frac{3}{4}$ IN SQ. Cub.ft.	LENGTH IN FEET.	Av. Diam. 38 In. 33 $\frac{3}{4}$ IN SQ. Cub.ft.	LENGTH IN FEET.	Av. Diam. 39 In. 34 $\frac{1}{2}$ IN SQ. Cub.ft.
20	118	20	125	20	133	20	142	20	148	20	158	20	165
22	130	22	137	22	146	22	156	22	163	22	174	22	181
24	142	24	150	24	160	24	170	24	178	24	189	24	198
26	154	26	162	26	173	26	184	26	193	26	205	26	214
28	166	28	175	28	186	28	199	28	208	28	221	28	231
30	178	30	187	30	200	30	213	30	223	30	237	30	247
32	190	32	200	32	213	32	227	32	238	32	253	32	264
34	202	34	212	34	226	34	241	34	253	34	268	34	281
36	213	36	225	36	240	36	256	36	268	36	284	36	297
38	225	38	237	38	253	38	270	38	283	38	300	38	314
40	237	40	250	40	266	40	284	40	297	40	316	40	330
42	249	42	262	42	280	42	298	42	312	42	332	42	347
44	261	44	275	44	293	44	312	44	327	44	348	44	363
46	273	46	287	46	306	46	327	46	342	46	363	46	380
48	285	48	300	48	320	48	341	48	357	48	378	48	396
50	297	50	312	50	333	50	355	50	372	50	395	50	413
52	309	52	325	52	347	52	369	52	387	52	411	52	429
54	321	54	337	54	360	54	384	54	402	54	427	54	446
56	332	56	350	56	373	56	398	56	417	56	442	56	462
58	344	58	362	58	387	58	412	58	432	58	458	58	479
60	356	60	375	60	400	60	426	60	446	60	474	60	495
62	368	62	387	62	413	62	440	62	461	62	490	62	512
64	380	64	400	64	427	64	455	64	476	64	506	64	529
66	392	66	412	66	440	66	469	66	491	66	522	66	545
68	404	68	425	68	453	68	483	68	506	68	537	68	562
70	415	70	437	70	467	70	497	70	521	70	553	70	578
72	427	72	450	72	480	72	512	72	536	72	569	72	595
74	439	74	462	74	493	74	526	74	551	74	585	74	610
76	451	76	475	76	507	76	540	76	566	76	601	76	628
78	463	78	487	78	520	78	554	78	581	78	616	78	644
80	475	80	500	80	533	80	568	80	595	80	632	80	661

FULL CONTENTS OF ROUND TIMBER CUBIC MEASURE,  
*Including the Slab.*

LENGTH IN FEET.	Av. Diam. 40 In. 35½IN SQ.	Cub.ft.	LENGTH IN FEET.	Av. Diam. 41 In. 36¼IN SQ.	Cub.ft.	LENGTH IN FEET.	Av. Diam. 42 In. 37¼IN • SQ.	Cub.ft.	LENGTH IN FEET.	Av. Diam. 43 In. 38 IN. SQ.	Cub.ft.	LENGTH IN FEET.	Av. Diam. 44 In. 39 IN. SQ.	Cub.ft.	LENGTH IN FEET.	Av. Diam. 45 In. 40 IN. SQ.	Cub.ft.	LENGTH IN FEET.	Av. Diam. 46 In. 40¾IN SQ.	Cub.ft.
20	175		20	182		20	192		20	200		20	211		20	222		20	230	
22	192		22	200		22	211		22	220		22	232		22	244		22	253	
24	210		24	219		24	231		24	240		24	253		24	266		24	276	
26	227		26	237		26	250		26	260		26	274		26	288		26	299	
28	245		28	255		28	269		28	280		28	295		28	311		28	322	
30	262		30	273		30	289		30	300		30	316		30	333		30	345	
32	280		32	292		32	308		32	320		32	338		32	355		32	369	
34	297		34	310		34	327		34	340		34	359		34	377		34	392	
36	315		36	328		36	346		36	361		36	380		36	400		36	415	
38	332		38	346		38	366		38	381		38	401		38	422		38	438	
40	350		40	365		40	385		40	401		40	422		40	444		40	461	
42	367		42	383		42	404		42	421		42	443		42	466		42	484	
44	385		44	401		44	423		44	441		44	464		44	488		44	507	
46	402		46	419		46	443		46	461		46	485		46	511		46	530	
48	420		48	438		48	462		48	481		48	506		48	533		48	553	
50	437		50	456		50	481		50	501		50	528		50	555		50	576	
52	455		52	474		52	501		52	521		52	549		52	577		52	599	
54	472		54	492		54	520		54	541		54	570		54	600		54	622	
56	490		56	511		56	539		56	561		56	591		56	622		56	645	
58	507		58	529		58	558		58	581		58	612		58	645		58	668	
60	525		60	547		60	578		60	601		60	633		60	666		60	691	
62	542		62	565		62	597		62	621		62	654		62	688		62	715	
64	560		64	584		64	616		64	641		64	676		64	711		64	738	
66	577		66	602		66	635		66	661		66	697		66	733		66	761	
68	595		68	620		68	655		68	681		68	718		68	755		68	784	
70	612		70	638		70	674		70	701		70	739		70	777		70	807	
72	630		72	657		72	693		72	722		72	760		72	800		72	830	
74	647		74	675		74	713		74	742		74	781		74	822		74	853	
76	665		76	692		76	732		76	762		76	802		76	844		76	876	
78	682		78	711		78	751		78	782		78	823		78	866		78	899	
80	700		80	730		80	770		80	802		80	845		80	888		80	922	

TABLE XII.  
**FOR WAGES OR OTHER EXPENSES,**  
 PER WEEK OF SIX DAYS.

WEEKS.	DAYS.	.50	.75	1.00	1.25	1.50	1.75	2.00	2.25
		\$ CTS.	\$ CTS.	\$ CTS.	\$ CTS.	\$ CTS.	\$ CTS.	\$ CTS.	\$ CTS.
	$\frac{1}{2}$	.04	.06	.08	.11	.13	.15	.17	.19
	1	.08	.13	.17	.21	.25	.29	.33	.38
	2	.17	.25	.33	.42	.50	.58	.67	.75
	3	.25	.38	.50	.63	.75	.88	1.00	1.13
	4	.33	.50	.67	.83	1.00	1.17	1.33	1.50
	5	.42	.63	.83	1.04	1.25	1.46	1.67	1.88
1		.50	.75	1.00	1.25	1.50	1.75	2.00	2.25
2		1.00	1.50	2.00	2.50	3.00	3.50	4.00	4.50
3		1.50	2.25	3.00	3.75	4.50	5.25	6.00	6.75
4		2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00
5		2.50	3.75	5.00	6.25	7.50	8.75	10.00	11.25
6		3.00	4.50	6.00	7.50	9.00	10.50	12.00	13.50

WEEKS.	DAYS.	2.50	2.75	3.00	3.25	3.50	3.75	4.00	4.25
		\$ CTS.	\$ CTS.	\$ CTS.	\$ CTS.	\$ CTS.	\$ CTS.	\$ CTS.	\$ CTS.
	$\frac{1}{2}$	.21	.23	.25	.27	.29	.31	.33	.36
	1	.42	.46	.50	.54	.58	.63	.67	.71
	2	.83	.92	1.00	1.08	1.17	1.25	1.33	1.42
	3	1.25	1.38	1.50	1.63	1.75	1.88	2.00	2.12
	4	1.67	1.83	2.00	2.17	2.33	2.50	2.67	2.83
	5	2.08	2.29	2.50	2.71	2.92	3.13	3.33	3.54
1		2.50	2.75	3.00	3.25	3.50	3.75	4.00	4.25
2		5.00	5.50	6.00	6.50	7.00	7.50	8.00	8.50
3		7.50	8.25	9.00	9.75	10.50	11.25	12.00	12.75
4		10.00	11.00	12.00	13.00	14.00	15.00	16.00	17.00
5		12.50	13.75	15.00	16.25	17.50	18.75	20.00	21.25
6		15.00	16.50	18.00	19.50	21.00	22.50	24.00	25.50

### EXPLANATION.

THE number of days and weeks will be found in the two left-hand columns; the price per week, in dollars and cents, at the head of the table.

TABLE XII.  
FOR WAGES OR OTHER EXPENSES,  
PER WEEK OF SIX DAYS.

WEEKS.	DAYS.	4.50 \$ CTS.	5.00 \$ CTS.	5.50 \$ CTS.	6.00 \$ CTS.	6.50 \$ CTS.	7.00 \$ CTS.	7.50 \$ CTS.	8.00 \$ CTS.
	$\frac{1}{2}$	.38	.42	.46	.50	.54	.58	.63	.67
	1	.75	.83	.92	1.00	1.08	1.17	1.25	1.33
	2	1.50	1.67	1.83	2.00	2.17	2.33	2.50	2.67
	3	2.25	2.50	2.75	3.00	3.25	3.50	3.75	4.00
	4	3.00	3.33	3.67	4.00	4.33	4.67	5.00	5.33
	5	3.75	4.17	4.58	5.00	5.42	5.83	6.25	6.67
1		4.50	5.00	5.50	6.00	6.50	7.00	7.50	8.00
2		9.00	10.00	11.00	12.00	13.00	14.00	15.00	16.00
3		13.50	15.00	16.50	18.00	19.50	21.00	22.50	24.00
4		18.00	20.00	22.00	24.00	26.00	28.00	30.00	32.00
5		22.50	25.00	27.50	30.00	32.50	35.00	37.50	40.00
6		27.00	30.00	33.00	36.00	39.00	42.00	45.00	48.00

WEEKS.	DAYS.	8.50 \$ CTS.	9.00 \$ CTS.	9.50 \$ CTS.	10.00 \$ CTS.	10.50 \$ CTS.	11.00 \$ CTS.	11.50 \$ CTS.	12.00 \$ CTS.
	$\frac{1}{2}$	.71	.75	.79	.83	.87	.91	.96	1.00
	1	1.42	1.50	1.58	1.67	1.75	1.83	1.92	2.00
	2	2.83	3.00	3.16	3.33	3.50	3.67	3.84	4.00
	3	4.25	4.50	4.75	5.00	5.25	5.50	5.75	6.00
	4	5.67	6.00	6.33	6.67	7.00	7.33	7.67	8.00
	5	7.08	7.50	7.92	8.33	8.75	9.17	9.58	10.00
1		8.50	9.00	9.50	10.00	10.50	11.00	11.50	12.00
2		17.00	18.00	19.00	20.00	21.00	22.00	23.00	24.00
3		25.50	27.00	28.50	30.00	31.50	33.00	34.50	36.00
4		34.00	36.00	38.00	40.00	42.00	44.00	46.00	48.00
5		42.50	45.00	47.50	50.00	52.50	55.00	57.50	60.00
6		51.00	54.00	57.00	60.00	63.00	66.00	69.00	72.00

EXPLANATION.—Continued.

To find the amount of five days' work or rent, at the rate of \$5.50 per week, look for 5 in the column of days; opposite this, and under \$5.50, you have the amount, \$4.58.

TABLE XIII.  
FOR WAGES, BOARD, RENT, OR OTHER EXPENSES,  
PER WEEK OF SEVEN DAYS.

WEEKS.	DAYS.	.50 \$ CTS.	.75 \$ CTS.	1.00 \$ CTS.	1.25 \$ CTS.	1.50 \$ CTS.	1.75 \$ CTS.	2.00 \$ CTS.	2.25 \$ CTS.
	$\frac{1}{2}$	.04	.06	.07	.09	.11	.13	.14	.16
	1	.07	.11	.14	.18	.21	.25	.29	.32
	2	.14	.22	.29	.36	.43	.50	.57	.64
	3	.21	.32	.43	.54	.64	.75	.86	.96
	4	.28	.43	.57	.71	.86	1.00	1.14	1.29
	5	.36	.54	.71	.89	1.07	1.25	1.43	1.61
	6	.43	.64	.86	1.07	1.29	1.50	1.71	1.93
1		.50	.75	1.00	1.25	1.50	1.75	2.00	2.25
2		1.00	1.50	2.00	2.50	3.00	3.50	4.00	4.50
3		1.50	2.25	3.00	3.75	4.50	5.25	6.00	6.75
4		2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00
5		2.50	3.75	5.00	6.25	7.50	8.75	10.00	11.25

WEEKS.	DAYS.	2.50 \$ CTS.	2.75 \$ CTS.	3.00 \$ CTS.	3.25 \$ CTS.	3.50 \$ CTS.	3.75 \$ CTS.	4.00 \$ CTS.	4.25 \$ CTS.
	$\frac{1}{2}$	.18	.20	.22	.23	.25	.27	.29	.30
	1	.36	.39	.43	.46	.50	.54	.57	.61
	2	.71	.79	.86	.93	1.00	1.07	1.14	1.22
	3	1.07	1.18	1.29	1.39	1.50	1.61	1.71	1.82
	4	1.43	1.57	1.71	1.86	2.00	2.14	2.29	2.43
	5	1.79	1.96	2.14	2.32	2.50	2.68	2.86	3.04
	6	2.14	2.36	2.57	2.79	3.00	3.21	3.43	3.64
1		2.50	2.75	3.00	3.25	3.50	3.75	4.00	4.25
2		5.00	5.50	6.00	6.50	7.00	7.50	8.00	8.50
3		7.50	8.25	9.00	9.75	10.50	11.25	12.00	12.75
4		10.00	11.00	12.00	13.00	14.00	15.00	16.00	17.00
5		12.50	13.75	15.00	16.25	17.50	18.75	20.00	21.25

### EXPLANATION.

FIND the number of days and weeks in the two left-hand columns of the page, and the rate per week at the head of the table; trace the two lines until they meet for the amount.



TABLE XIII.

FOR WAGES, BOARD, RENT, OR OTHER EXPENSES,  
PER WEEK OF SEVEN DAYS.

WEEKS.	DAYS.	4.50 \$ CTS.	5.00 \$ CTS.	5.50 \$ CTS.	6.00 \$ CTS.	6.50 \$ CTS.	7.00 \$ CTS.	7.50 \$ CTS.	8.00 \$ CTS.
1	$\frac{1}{2}$	.32	.36	.39	.43	.47	.50	.54	.57
	1	.64	.71	.79	.86	.93	1.00	1.07	1.14
	2	1.29	1.43	1.57	1.71	1.86	2.00	2.14	2.29
	3	1.93	2.14	2.36	2.57	2.79	3.00	3.21	3.43
	4	2.57	2.86	3.14	3.43	3.71	4.00	4.29	4.57
	5	3.21	3.57	3.93	4.29	4.64	5.00	5.36	5.71
	6	3.86	4.29	4.71	5.14	5.57	6.00	6.43	6.86
	1	4.50	5.00	5.50	6.00	6.50	7.00	7.50	8.00
	2	9.00	10.00	11.00	12.00	13.00	14.00	15.00	16.00
	3	13.50	15.00	16.50	18.00	19.50	21.00	22.50	24.00
	4	18.00	20.00	22.00	24.00	26.00	28.00	30.00	32.00
	5	22.50	25.00	27.50	30.00	32.50	35.00	37.50	40.00
WEEKS.	DAYS.	8.50 \$ CTS.	9.00 \$ CTS.	9.50 \$ CTS.	10.00 \$ CTS.	10.50 \$ CTS.	11.00 \$ CTS.	11.50 \$ CTS.	12.00 \$ CTS.
1	$\frac{1}{2}$	.61	.64	.68	.71	.75	.78	.82	.86
	1	1.21	1.29	1.36	1.43	1.50	1.57	1.64	1.71
	2	3.43	2.57	2.72	2.86	3.00	3.14	3.28	3.43
	3	3.64	3.86	4.07	4.29	4.50	4.71	4.93	5.14
	4	4.86	5.14	5.43	5.71	6.00	6.28	6.57	6.86
	5	6.07	6.43	6.79	7.14	7.50	7.86	8.21	8.57
	6	7.29	7.71	8.14	8.57	9.00	9.43	9.86	10.29
	1	8.50	9.00	9.50	10.00	10.50	11.00	11.50	12.00
	2	17.00	18.00	19.00	20.00	21.00	22.00	23.00	24.00
	3	25.50	27.00	28.50	30.00	31.50	33.00	34.50	36.00
	4	34.00	36.00	38.00	40.00	42.00	44.00	46.00	48.00
	5	42.50	45.00	47.50	50.00	52.50	55.00	57.50	60.00

EXPLANATION.—Continued.

To find the amount of 4 days' work or board, at the rate of \$5.00 per week, look for 4 in the column of days, and \$5.00 at the head of the table; trace the two lines until they meet, and you have \$2.86, the amount.

## TABLE XIV.

# WAGES OR OTHER EXPENSES, PER MONTH

## *Of Twenty-Six Days.*

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### EXPLANATION.

THE following table has been prepared for, and will be found very useful to a large class of persons who labor by the month, at farming and other employments, and whose limited education renders them dependent on their employers for the correct statement of their accounts.

The left-hand column shows the number of days; the head of the table, the rate per month.

Should you wish to find the amount of 17 days, at the rate of \$8 per month of 26 days, find in the column of days the figure 17, then trace the line to the right till you come under \$8, (the given rate per month,) and you will find \$5.23 to be the amount of 17 days, at the rate of \$8 per month. In like manner you will find the amount of any number of days, at any given rate, from 50 cents to \$40 per month.

The calculations for this table,—as for all the others contained in this work,—having been very carefully made, their accuracy can be relied upon in every case.

Should you require the amount of wages at a higher rate than is given in this table, say \$60 per month, take twice what is shown for \$30 per month for the same length of time, and you will get the desired amount.

See pages 167 to 171, inclusive, for Table of Wages per Month.

Table of Wages or other Expenses, at given Rates,

PER MONTH OF TWENTY-SIX DAYS.

MONTHS.	DAYS.	.50	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00
		\$ CTS.	\$ CTS.	\$ CTS.	\$ CTS.	\$ CTS.	\$ CTS.	\$ CTS.	\$ CTS.	\$ CTS.
	1	.01	.02	.04	.06	.08	.10	.12	.13	.15
	2	.02	.04	.07	.12	.15	.19	.23	.27	.31
	3	.04	.08	.15	.23	.31	.38	.46	.54	.62
	4	.06	.12	.22	.35	.46	.58	.69	.81	.92
	5	.08	.16	.30	.46	.62	.77	.92	1.08	1.23
	6	.10	.20	.38	.58	.77	.96	1.15	1.35	1.54
	7	.12	.23	.46	.69	.92	1.15	1.38	1.62	1.85
	8	.13	.27	.53	.81	1.08	1.35	1.62	1.88	2.15
	9	.15	.31	.61	.92	1.23	1.54	1.85	2.15	2.46
	10	.17	.35	.68	1.04	1.38	1.73	2.08	2.42	2.77
	11	.19	.39	.76	1.15	1.54	1.92	2.31	2.69	3.08
	12	.21	.43	.84	1.27	1.69	2.12	2.54	2.96	3.38
	13	.23	.46	.92	1.38	1.85	2.31	2.77	3.23	3.69
	14	.25	.50	1.00	1.50	2.00	2.50	3.00	3.50	4.00
	15	.27	.54	1.08	1.61	2.15	2.69	3.23	3.77	4.31
	16	.29	.58	1.16	1.73	2.31	2.88	3.46	4.04	4.62
	17	.31	.62	1.23	1.84	2.46	3.08	3.69	4.31	4.92
	18	.33	.66	1.31	1.96	2.62	3.27	3.92	4.58	5.23
	19	.35	.70	1.39	2.07	2.77	3.46	4.15	4.85	5.54
	20	.37	.73	1.46	2.19	2.92	3.65	4.38	5.12	5.85
	21	.38	.77	1.54	2.30	3.08	3.85	4.62	5.38	6.15
	22	.40	.81	1.62	2.42	3.23	4.04	4.85	5.65	6.46
	23	.42	.85	1.69	2.53	3.38	4.23	5.08	5.92	6.77
	24	.44	.89	1.77	2.65	3.54	4.42	5.31	6.19	7.08
	25	.46	.92	1.85	2.76	3.69	4.62	5.54	6.46	7.38
	26	.48	.96	1.92	2.88	3.85	4.81	5.77	6.73	7.69
1		.50	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00
2		1.00	2.00	4.00	6.00	8.00	10.00	12.00	14.00	16.00
3		1.50	3.00	6.00	9.00	12.00	15.00	18.00	21.00	24.00
4		2.00	4.00	8.00	12.00	16.00	20.00	24.00	28.00	32.00
5		2.50	5.00	10.00	15.00	20.00	25.00	30.00	35.00	40.00
6		3.00	6.00	12.00	18.00	24.00	30.00	36.00	42.00	48.00

## Table of Wages or other Expenses, at given Rates,

PER MONTH OF TWENTY-SIX DAYS.

MONTHS.	DAYS.	9.00	10.00	11.00	12.00	12.50	13.00	14.00	15.00	16.00
		\$ CTS.	\$ CTS.	\$ CTS.	\$ CTS.	\$ CTS.	\$ CTS.	\$ CTS.	\$ CTS.	\$ CTS.
	$\frac{1}{2}$	.17	.19	.21	.23	.24	.25	.27	.29	.31
	1	.35	.38	.42	.46	.48	.50	.54	.58	.62
	2	.69	.77	.85	.92	.96	1.00	1.08	1.15	1.23
	3	1.04	1.15	1.27	1.38	1.44	1.50	1.62	1.73	1.85
	4	1.38	1.54	1.69	1.85	1.92	2.00	2.15	2.31	2.46
	5	1.73	1.92	2.12	2.31	2.40	2.50	2.69	2.88	3.08
	6	2.08	2.31	2.54	2.77	2.88	3.00	3.23	3.46	3.69
	7	2.42	2.69	2.96	3.23	3.37	3.50	3.77	4.04	4.31
	8	2.77	3.08	3.38	3.69	3.85	4.00	4.31	4.62	4.92
	9	3.12	3.46	3.81	4.15	4.33	4.50	4.85	5.19	5.54
	10	3.46	3.85	4.23	4.61	4.81	5.00	5.38	5.77	6.15
	11	3.81	4.23	4.65	5.08	5.29	5.50	5.92	6.35	6.77
	12	4.15	4.62	5.08	5.54	5.77	6.00	6.46	6.92	7.38
	13	4.50	5.00	5.50	6.00	6.25	6.50	7.00	7.50	8.00
	14	4.85	5.38	5.92	6.46	6.73	7.00	7.54	8.08	8.62
	15	5.19	5.77	6.35	6.92	7.21	7.50	8.08	8.65	9.23
	16	5.54	6.15	6.77	7.38	7.69	8.00	8.62	9.23	9.85
	17	5.87	6.54	7.19	7.85	8.17	8.50	9.15	9.81	10.46
	18	6.23	6.92	7.62	8.31	8.65	9.00	9.69	10.38	11.08
	19	6.88	7.31	8.04	8.77	9.13	9.50	10.23	10.96	11.69
	20	6.92	7.69	8.46	9.23	9.62	10.00	10.77	11.54	12.31
	21	7.27	8.08	8.88	9.69	10.10	10.50	11.31	12.12	12.92
	22	7.61	8.46	9.31	10.15	10.58	11.00	11.85	12.69	13.54
	23	7.96	8.85	9.73	10.61	11.06	11.50	12.38	13.27	14.15
	24	8.31	9.23	10.15	11.08	11.54	12.00	12.92	13.85	14.77
	25	8.65	9.62	10.58	11.54	12.02	12.50	13.46	14.42	15.38
1		9.00	10.00	11.00	12.00	12.50	13.00	14.00	15.00	16.00
2		18.00	20.00	22.00	24.00	25.00	26.00	28.00	30.00	32.00
3		27.00	30.00	33.00	36.00	37.50	39.00	42.00	45.00	48.00
4		36.00	40.00	44.00	48.00	50.00	52.00	56.00	60.00	64.00
5		45.00	50.00	55.00	60.00	62.50	65.00	70.00	75.00	80.00
6		54.00	60.00	66.00	72.00	75.00	78.00	84.00	90.00	96.00

Table of Wages or other Expenses, at given Rates,

PER MONTH OF TWENTY-SIX DAYS.

MONTHS.	DAYS.	17.00	18.00	19.00	20.00	21.00	22.00	23.00	24.00
		\$ CTS.	\$ CTS.	\$ CTS.	\$ CTS.	\$ CTS.	\$ CTS.	\$ CTS.	\$ CTS.
	1	.33	.35	.37	.38	.40	.42	.44	.46
	2	.65	.69	.73	.77	.81	.85	.88	.92
	3	1.31	1.38	1.46	1.54	1.62	1.69	1.77	1.85
	4	1.96	2.08	2.19	2.31	2.42	2.54	2.65	2.77
	5	2.62	2.77	2.92	3.08	3.23	3.38	3.54	3.69
	6	3.27	3.46	3.65	3.85	4.04	4.23	4.42	4.62
	7	3.92	4.15	4.38	4.62	4.85	5.08	5.31	5.54
	8	4.58	4.85	5.12	5.38	5.65	5.92	6.19	6.46
	9	5.23	5.54	5.85	6.15	6.46	6.77	7.08	7.38
	10	5.88	6.23	6.58	6.92	7.27	7.62	7.96	8.31
	11	6.54	6.92	7.31	7.69	8.08	8.46	8.85	9.23
	12	7.19	7.62	8.04	8.46	8.88	9.31	9.73	10.15
	13	7.85	8.31	8.77	9.23	9.69	10.15	10.62	11.08
	14	8.50	9.00	9.50	10.00	10.50	11.00	11.50	12.00
	15	9.15	9.69	10.23	10.77	11.31	11.85	12.38	12.92
	16	9.81	10.38	10.96	11.54	12.12	12.69	13.27	13.85
	17	10.46	11.08	11.69	12.31	12.92	13.54	14.15	14.77
	18	11.12	11.77	12.42	13.08	13.73	14.38	15.04	15.69
	19	11.77	12.46	13.15	13.85	14.54	15.23	15.92	16.62
	20	12.42	13.15	13.88	14.62	15.35	16.08	16.81	17.54
	21	13.08	13.85	14.62	15.38	16.15	16.92	17.69	18.46
	22	13.73	14.54	15.35	16.15	16.96	17.77	18.58	19.38
	23	14.38	15.23	16.08	16.92	17.77	18.62	19.46	20.31
	24	15.04	15.92	16.81	17.69	18.58	19.46	20.35	21.23
	25	15.69	16.62	17.54	18.46	19.38	20.31	21.23	22.15
	26	16.35	17.31	18.27	19.23	20.19	21.15	22.12	23.08
1		17.00	18.00	19.00	20.00	21.00	22.00	23.00	24.00
2		34.00	36.00	38.00	40.00	42.00	44.00	46.00	48.00
3		51.00	54.00	57.00	60.00	63.00	66.00	69.00	72.00
4		68.00	72.00	76.00	80.00	84.00	88.00	92.00	96.00
5		85.00	90.00	95.00	100.00	105.00	110.00	115.00	120.00
6		102.00	108.00	114.00	120.00	126.00	132.00	138.00	144.00

## Table of Wages or other Expenses, at given Rates,

*PER MONTH OF TWENTY-SIX DAYS.*

MONTHS	DAYS.	25.00	26.00	27.00	28.00	29.00	30.00	31.00	32.00
		\$ CTS.	\$ CTS.	\$ CTS.	\$ CTS.	\$ CTS.	\$ CTS.	\$ CTS.	\$ CTS.
	$\frac{1}{2}$	.48	.50	.52	.54	.56	.58	.60	.61
	1	.96	1.00	1.04	1.08	1.12	1.15	1.19	1.23
	2	1.92	2.00	2.08	2.15	2.23	2.31	2.38	2.46
	3	2.88	3.00	3.12	3.23	3.35	3.46	3.57	3.69
	4	3.85	4.00	4.15	4.31	4.46	4.62	4.76	4.92
	5	4.81	5.00	5.19	5.38	5.58	5.77	5.95	6.15
	6	5.77	6.00	6.23	6.46	6.69	6.92	7.15	7.38
	7	6.73	7.00	7.27	7.54	7.81	8.08	8.34	8.62
	8	7.69	8.00	8.31	8.62	8.92	9.23	9.53	9.85
	9	8.65	9.00	9.35	9.69	10.04	10.38	10.72	11.08
	10	9.62	10.00	10.38	10.77	11.15	11.54	11.92	12.31
	11	10.58	11.00	11.42	11.85	12.27	12.69	13.11	13.54
	12	11.54	12.00	12.46	12.92	13.38	13.85	14.31	14.77
	13	12.50	13.00	13.50	14.00	14.50	15.00	15.50	16.00
	14	13.46	14.00	14.54	15.08	15.61	16.15	16.69	17.23
	15	14.42	15.00	15.58	16.15	16.73	17.31	17.88	18.46
	16	15.38	16.00	16.62	17.23	17.84	18.46	19.07	19.69
	17	16.35	17.00	17.65	18.31	18.96	19.62	20.27	20.92
	18	17.31	18.00	18.69	19.38	20.07	20.77	21.46	22.15
	19	18.27	19.00	19.73	20.46	21.19	21.92	22.65	23.38
	20	19.23	20.00	20.77	21.58	22.30	23.08	23.85	24.62
	21	20.19	21.00	21.81	22.62	23.42	24.23	25.04	25.85
	22	21.15	22.00	22.85	23.69	24.53	25.38	26.23	27.08
	23	22.12	23.00	23.88	24.77	25.65	26.54	27.42	28.31
	24	23.08	24.00	24.92	25.85	26.76	27.69	28.61	29.54
	25	24.04	25.00	25.96	26.92	27.88	28.85	29.81	30.77
1		25.00	26.00	27.00	28.00	29.00	30.00	31.00	32.00
2		50.00	52.00	54.00	56.00	58.00	60.00	62.00	64.00
3		75.00	78.00	81.00	84.00	87.00	90.00	93.00	96.00
4		100.00	104.00	108.00	112.00	116.00	120.00	124.00	128.00
5		125.00	130.00	135.00	140.00	145.00	150.00	155.00	160.00
6		150.00	156.00	162.00	168.00	174.00	180.00	186.00	192.00



Table of Wages or other Expenses, at given Rates,

PER MONTH OF TWENTY-SIX DAYS.

MONTHS.	DAYS.	33.00	34.00	35.00	36.00	37.00	38.00	39.00	40.00
		\$ CTS.	\$ CTS.	\$ CTS.	\$ CTS.	\$ CTS.	\$ CTS.	\$ CTS.	\$ CTS.
	½	.63	.65	.67	.69	.71	.73	.75	.77
	1	1.27	1.31	1.35	1.38	1.42	1.46	1.50	1.54
	2	2.54	2.62	2.69	2.77	2.84	2.92	3.00	3.08
	3	3.81	3.92	4.04	4.15	4.27	4.38	4.50	4.62
	4	5.08	5.23	5.39	5.54	5.69	5.84	6.00	6.16
	5	6.35	6.55	6.73	6.92	7.12	7.30	7.50	7.70
	6	7.62	7.85	8.08	8.31	8.54	8.77	9.00	9.23
	7	8.89	9.15	9.43	9.69	9.96	10.23	10.50	10.77
	8	10.15	10.46	10.77	11.08	11.39	11.69	12.00	12.31
	9	11.42	11.77	12.12	12.46	12.81	13.15	13.50	13.85
	10	12.69	13.08	13.46	13.85	14.23	15.61	15.00	15.39
	11	13.96	14.38	14.81	15.23	15.66	16.08	16.50	17.93
	12	15.23	15.69	16.15	16.62	17.08	17.54	18.00	18.46
	13	16.50	17.00	17.50	18.00	18.50	19.00	19.50	20.00
	14	17.77	18.31	18.85	19.38	19.92	20.46	21.00	21.54
	15	19.04	19.62	20.19	20.77	21.35	21.92	22.50	23.08
	16	20.31	20.92	21.54	22.15	22.77	23.38	24.00	24.62
	17	21.58	22.23	22.89	23.54	24.19	24.84	25.50	26.16
	18	22.85	23.55	24.23	24.92	25.62	26.30	27.00	27.70
	19	24.12	24.85	25.58	26.31	27.04	27.77	28.50	29.23
	20	25.39	26.15	26.92	27.69	28.46	29.23	30.00	30.77
	21	26.66	27.46	28.27	29.08	29.89	30.69	31.50	32.31
	22	27.93	28.77	29.61	30.46	31.31	32.15	33.00	33.85
	23	29.20	30.08	30.96	31.85	32.73	33.61	34.50	35.39
	24	30.46	31.38	32.31	32.23	34.16	35.07	36.00	36.92
	25	31.73	32.69	33.65	34.62	35.58	36.54	37.50	38.46
1		33.00	34.00	35.00	36.00	37.00	38.00	39.00	40.00
2		66.00	68.00	70.00	72.00	74.00	76.00	78.00	80.00
3		99.00	102.00	105.00	108.00	111.00	114.00	117.00	120.00
4		132.00	136.00	140.00	144.00	148.00	152.00	156.00	160.00
5		165.00	170.00	175.00	180.00	185.00	190.00	195.00	200.00
6		198.00	204.00	210.00	216.00	222.00	228.00	234.00	240.00

TABLE XV.

SHOWING THE NUMBER OF DAYS FROM ANY ONE DAY IN ONE MONTH,  
TO THE SAME DAY IN ANY OTHER MONTH.

FROM	TO Jan.	TO Feb.	TO Mar.	TO Apr.	TO May	TO June	TO July	TO Aug.	TO Sept.	TO Oct.	TO Nov.	TO Dec.
January .	365	31	59	90	120	151	181	212	243	273	304	334
February .	334	365	28	59	89	120	150	181	212	242	273	303
March . .	306	337	365	31	61	92	122	153	184	214	245	275
April . . .	275	306	334	365	30	61	91	122	153	183	214	244
May . . . .	245	276	304	335	365	31	61	92	123	153	184	214
June . . .	214	245	273	304	334	365	30	61	92	122	153	184
July . . . .	184	215	243	274	304	335	365	31	62	92	123	153
August . .	153	184	212	243	273	304	334	365	31	61	92	122
September	122	153	181	212	242	273	303	334	365	30	61	91
October .	92	123	151	182	212	243	273	304	335	365	31	61
November	61	92	120	151	181	212	242	273	304	334	365	30
December	31	62	90	121	151	182	212	243	274	304	335	365

EXAMPLE.—Look for May at the left, and September at the top; trace the two lines until they meet, in the angle is 123. In leap-year, add one day, if February be included.

TABLE XVI.

## Short and Simple Method of Computing Interest.

### EXPLANATION.

THIS rule is so simple and so true, according to all business usages, that every banker, broker, merchant or clerk, in fact, every person should understand it. There being no such thing as a fraction in it, there is scarcely any liability to err or mistake. By no other mathematical process can the desired information be obtained with so few figures.

In computing interest, 30 days is considered a month, and 12 months, or 360 days, a year.

You will observe by the rule that in computing interest, at the rates of 1, 2, 3, 4, 6, 7, 9, 11, 12, 13, 14, 16, 17, 19, 21, 22, 23, and 25 per cent., the right-hand figure is separated. Should there be cents in the principle, separate three right-hand figures, and proceed as directed by the rule; and, at the rates of 5, 8, 10, 15, 18, 20, and 24 per cent., separate two right-hand figures, if there are cents in the principle, and proceed according to the rule.

(SEE NEXT PAGE.)

## SHORT AND SIMPLE METHOD OF COMPUTING INTEREST.

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- 1 *Per Cent.*.—To find the Interest at 1 per cent., multiply any given number of dollars by the number of days of Interest desired, separate the right-hand figure and divide by 36.
- 2 *Per Cent.*.—Multiply the number of dollars by the number of days, separate the right-hand figure and divide by 18.
- 3 *Per Cent.*.—Multiply the number of dollars by the number of days, separate the right-hand figure and divide by 12.
- 4 *Per Cent.*.—Multiply the number of dollars by the number of days, separate the right-hand figure and divide by 9.
- 5 *Per Cent.*.—Multiply the number of dollars by the number of days and divide by 72.
- 6 *Per Cent.*.—Multiply the number of dollars by the number of days, separate the right-hand figure and divide by 6.
- 7 *Per Cent.*.—Multiply the number of dollars by the number of days, then by 7, separate the right-hand figure and divide by 36.
- 8 *Per Cent.*.—Multiply the number of dollars by the number of days and divide by 45.
- 9 *Per Cent.*.—Multiply the number of dollars by the number of days, separate the right-hand figure and divide by 4.
- 10 *Per Cent.*.—Multiply the number of dollars by the number of days and divide by 36.
- 11 *Per Cent.*.—Multiply the number of dollars by the number of days, then by 11, separate the right-hand figure and divide by 36.
- 12 *Per Cent.*.—Multiply the number of dollars by the number of days, separate the right-hand figure and divide by 3.
- 13 *Per Cent.*.—Multiply the number of dollars by the number of days, then by 13, separate the right-hand figure and divide by 36.

- 14 Per Cent.*—Multiply the number of dollars by the number of days, then by 7, separate the right-hand figure and divide by 18.
- 15 Per Cent.*—Multiply the number of dollars by the number of days and divide by 24.
- 16 Per Cent.*—Multiply the number of dollars by the number of days, then by 8, separate the right-hand figure and divide by 18.
- 17 Per Cent.*—Multiply the number of dollars by the number of days, then by 17, separate the right-hand figure and divide by 36.
- 18 Per Cent.*—Multiply the number of dollars by the number of days and divide by 20.
- 19 Per Cent.*—Multiply the number of dollars by the number of days, then by 19, separate the right-hand figure and divide by 36.
- 20 Per Cent.*—Multiply the number of dollars by the number of days and divide by 18.
- 21 Per Cent.*—Multiply the number of dollars by the number of days, then by 7, separate the right-hand figure and divide by 12.
- 22 Per Cent.*—Multiply the number of dollars by the number of days, then by 22, separate the right-hand figure and divide by 36.
- 23 Per Cent.*—Multiply the number of dollars by the number of days, then by 23, separate the right-hand figure and divide by 36.
- 24 Per Cent.*—Multiply the number of dollars by the number of days, and divide by 15.
- 25 Per Cent.*—Multiply the number of dollars by the number of days, then by 25, separate the right-hand figure and divide by 36.

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NOTE.—Any per cent. of Interest can be found on any number of dollars, by multiplying the number of dollars by the number of days, and then by the per cent. required. Separate the right-hand figure and divide by 36, same as directed above at 7 per cent. This Rule, or above Table, can be relied on, in every instance, as it gives the *exact* interest, for days, months and years, at one calculation. If there are cents in the principle, separate three right-hand figures.

TABLE XVII.  
INTEREST TABLE, AT SIX PER CENT.

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EXPLANATION.

THIS table shows the interest, at six per cent., for any number of dollars, from 1 to 1000, and for any period of time, from 1 day to 1 year.

The principle will be found at the head of the table; the number of days, months, or years in the left-hand column.

*For Example:*—To find the interest on \$21, for 7 months, find figure 7 in the column of months, then trace to the right till you come directly under \$21, (the given principle,) and you have 74 cents,—the interest required.

Should you wish to find the interest for years, months, and days, (say 1 year, 7 months, and 10 days interest on \$84,) find as above directed the interest for one year, which, by the table, is \$5.04; in like manner the interest for 7 months, which is \$2.94; and, for 10 days, which is 14 cents: these sums added together make \$8.12,—the interest required.

See pages 176 to 184, inclusive, for table.

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TABLE XVIII.  
INTEREST TABLE, AT SEVEN PER CENT.

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EXPLANATION.

THIS table shows the interest, at seven per cent., on any sum, from 1 to 1000 dollars, and for any length of time, from 1 day to one year.

The directions for finding the interest are the same as in the preceding table.

Interest, at seven per cent., may be found by computing interest at six per cent, according to the rule already given on page 172; and, adding thereto one-sixth of the interest, at six per cent.

See pages 185 to 193, inclusive, for table.

*Interest Table, at Six Per Cent.*

TIME Days	\$1	\$2	\$3	\$4	\$5	\$6	\$7	\$8	\$9	\$10	\$11	\$12	\$13
1	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
2	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
3	.00	.00	.00	.00	.00	.00	.00	.00	.00	.01	.01	.01	.01
4	.00	.00	.00	.00	.00	.00	.00	.01	.01	.01	.01	.01	.01
5	.00	.00	.00	.00	.00	.01	.01	.01	.01	.01	.01	.01	.01
6	.00	.00	.00	.00	.01	.01	.01	.01	.01	.01	.01	.01	.01
7	.00	.00	.00	.00	.01	.01	.01	.01	.01	.01	.01	.01	.02
8	.00	.00	.00	.01	.01	.01	.01	.01	.01	.01	.01	.02	.02
9	.00	.00	.00	.01	.01	.01	.01	.01	.01	.02	.02	.02	.02
10	.00	.00	.01	.01	.01	.01	.01	.01	.02	.02	.02	.02	.02
11	.00	.00	.01	.01	.01	.01	.01	.01	.02	.02	.02	.02	.02
12	.00	.00	.01	.01	.01	.01	.01	.02	.02	.02	.02	.02	.03
13	.00	.00	.01	.01	.01	.01	.02	.02	.02	.02	.02	.03	.03
14	.00	.00	.01	.01	.01	.01	.02	.02	.02	.02	.03	.03	.03
15	.00	.01	.01	.01	.01	.02	.02	.02	.02	.03	.03	.03	.03
16	.00	.01	.01	.01	.01	.02	.02	.02	.02	.03	.03	.03	.03
17	.00	.01	.01	.01	.01	.02	.02	.02	.03	.03	.03	.03	.04
18	.00	.01	.01	.01	.02	.02	.02	.02	.03	.03	.03	.04	.04
19	.00	.01	.01	.01	.02	.02	.02	.03	.03	.03	.03	.04	.04
20	.00	.01	.01	.01	.02	.02	.02	.03	.03	.03	.04	.04	.04
21	.00	.01	.01	.01	.02	.02	.02	.03	.03	.04	.04	.04	.05
22	.00	.01	.01	.01	.02	.02	.03	.03	.03	.04	.04	.04	.05
23	.00	.01	.01	.02	.02	.02	.03	.03	.03	.04	.04	.05	.05
24	.00	.01	.01	.02	.02	.02	.03	.03	.04	.04	.04	.05	.05
25	.00	.01	.01	.02	.02	.03	.03	.03	.04	.04	.05	.05	.05
26	.00	.01	.01	.02	.02	.03	.03	.03	.04	.04	.05	.05	.06
27	.00	.01	.01	.02	.02	.03	.03	.04	.04	.05	.05	.05	.06
28	.00	.01	.01	.02	.02	.03	.03	.04	.04	.05	.05	.05	.06
29	.00	.01	.01	.02	.02	.03	.03	.04	.04	.05	.05	.06	.06

Mts.													
1	.01	.01	.02	.02	.03	.03	.04	.04	.05	.05	.06	.06	.07
2	.01	.02	.03	.04	.05	.06	.07	.08	.09	.10	.11	.12	.13
3	.02	.03	.05	.06	.08	.09	.11	.12	.14	.15	.17	.18	.20
4	.02	.04	.06	.08	.10	.12	.14	.16	.18	.20	.22	.24	.26
5	.03	.05	.08	.10	.13	.15	.18	.20	.23	.25	.28	.30	.33
6	.03	.06	.09	.12	.15	.18	.21	.24	.27	.30	.33	.36	.39
7	.04	.07	.11	.14	.18	.21	.25	.28	.32	.35	.39	.42	.46
8	.04	.08	.12	.16	.20	.24	.28	.32	.36	.40	.44	.48	.52
9	.05	.09	.14	.18	.23	.27	.32	.36	.41	.45	.50	.54	.59
10	.05	.10	.15	.20	.25	.30	.35	.40	.45	.50	.55	.60	.65
11	.06	.11	.17	.22	.28	.33	.39	.44	.50	.55	.61	.66	.72
1 Yr.	.06	.12	.18	.24	.30	.36	.42	.48	.54	.60	.66	.72	.78



*Interest Table, at Six Per Cent.*

TIME Days	\$14	\$15	\$16	\$17	\$18	\$19	\$20	\$21	\$22	\$23	\$24	\$25	\$26
1	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
2	.00	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01
3	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01
4	.01	.01	.01	.01	.01	.01	.01	.01	.01	.02	.02	.02	.02
5	.01	.01	.01	.01	.02	.02	.02	.02	.02	.02	.02	.02	.02
6	.01	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.03	.03
7	.02	.02	.02	.02	.02	.02	.02	.02	.03	.03	.03	.03	.03
8	.02	.02	.02	.02	.02	.03	.03	.03	.03	.03	.03	.03	.03
9	.02	.02	.02	.03	.03	.03	.03	.03	.03	.03	.04	.04	.04
10	.02	.03	.03	.03	.03	.03	.03	.04	.04	.04	.04	.04	.04
11	.03	.03	.03	.03	.03	.03	.04	.04	.04	.04	.04	.05	.05
12	.03	.03	.03	.03	.04	.04	.04	.04	.05	.05	.05	.05	.05
13	.03	.03	.03	.04	.04	.04	.04	.05	.05	.05	.05	.05	.06
14	.03	.04	.04	.04	.04	.04	.05	.05	.05	.05	.06	.06	.06
15	.04	.04	.04	.04	.05	.05	.05	.05	.06	.06	.06	.06	.07
16	.04	.04	.04	.04	.05	.05	.05	.05	.06	.06	.06	.06	.07
17	.04	.04	.05	.05	.05	.05	.06	.06	.06	.07	.07	.07	.07
18	.04	.05	.05	.05	.05	.06	.06	.06	.07	.07	.07	.08	.08
19	.04	.05	.05	.05	.06	.06	.06	.07	.07	.07	.08	.08	.08
20	.05	.05	.05	.06	.06	.06	.07	.07	.07	.08	.08	.08	.09
21	.05	.05	.06	.06	.06	.07	.07	.07	.08	.08	.08	.09	.09
22	.05	.06	.06	.06	.07	.07	.07	.08	.08	.08	.09	.09	.10
23	.05	.06	.06	.07	.07	.07	.08	.08	.08	.09	.09	.10	.10
24	.06	.06	.06	.07	.07	.08	.08	.08	.09	.09	.10	.10	.10
25	.06	.06	.07	.07	.08	.08	.08	.09	.09	.10	.10	.10	.11
26	.06	.07	.07	.07	.08	.08	.09	.09	.10	.10	.11	.11	.11
27	.06	.07	.07	.08	.08	.09	.09	.09	.10	.10	.11	.11	.12
28	.07	.07	.07	.08	.08	.09	.09	.10	.10	.11	.11	.12	.12
29	.07	.07	.08	.08	.09	.09	.10	.10	.11	.11	.12	.12	.13

Mts.													
1	.07	.08	.08	.09	.09	.10	.10	.11	.11	.12	.12	.13	.13
2	.14	.15	.16	.17	.18	.19	.20	.21	.22	.23	.24	.25	.26
3	.21	.23	.24	.26	.27	.29	.30	.32	.33	.35	.36	.38	.39
4	.28	.30	.32	.34	.36	.38	.40	.42	.44	.46	.48	.50	.52
5	.35	.38	.40	.43	.45	.48	.50	.53	.55	.58	.60	.63	.65
6	.42	.45	.48	.51	.54	.57	.60	.63	.66	.69	.72	.75	.78
7	.49	.53	.56	.60	.63	.67	.70	.74	.77	.81	.84	.88	.91
8	.56	.60	.64	.68	.72	.76	.80	.84	.88	.92	.96	1.00	1.04
9	.63	.68	.72	.77	.81	.86	.90	.95	.99	1.04	1.08	1.13	1.17
10	.70	.75	.80	.85	.90	.95	1.00	1.05	1.10	1.15	1.20	1.25	1.30
11	.77	.83	.88	.94	.99	1.05	1.10	1.16	1.21	1.27	1.32	1.38	1.43
1 Yr.	.84	.90	.96	1.02	1.08	1.14	1.20	1.26	1.32	1.38	1.44	1.50	1.56

*Interest Table, at Six Per Cent.*

Time Days	\$27	\$28	\$29	\$30	\$31	\$32	\$33	\$34	\$35	\$36	\$37	\$38	\$39
1	.00	.00	.00	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01
2	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01
3	.01	.01	.01	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02
4	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.03	.03
5	.02	.02	.02	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03
6	.03	.03	.03	.03	.03	.03	.03	.03	.04	.04	.04	.04	.04
7	.03	.03	.03	.04	.04	.04	.04	.04	.04	.04	.04	.04	.05
8	.04	.04	.04	.04	.04	.04	.04	.05	.05	.05	.05	.05	.05
9	.04	.04	.04	.05	.05	.05	.05	.05	.05	.05	.06	.06	.06
10	.05	.05	.05	.05	.05	.05	.06	.06	.06	.06	.06	.06	.07
11	.05	.05	.05	.06	.06	.06	.06	.06	.06	.07	.07	.07	.07
12	.05	.06	.06	.06	.06	.06	.07	.07	.07	.07	.07	.08	.08
13	.06	.06	.06	.07	.07	.07	.07	.07	.08	.08	.08	.09	.08
14	.06	.07	.07	.07	.07	.07	.08	.08	.08	.08	.08	.09	.09
15	.07	.07	.07	.08	.08	.08	.08	.09	.09	.09	.09	.10	.10
16	.07	.07	.08	.08	.08	.09	.09	.09	.09	.10	.10	.10	.10
17	.08	.08	.08	.09	.09	.09	.09	.10	.10	.10	.10	.11	.11
18	.08	.08	.09	.09	.09	.10	.10	.10	.11	.11	.11	.11	.12
19	.09	.09	.09	.10	.10	.10	.10	.11	.11	.11	.12	.12	.12
20	.09	.09	.10	.10	.10	.11	.11	.11	.12	.12	.12	.13	.13
21	.09	.10	.10	.11	.11	.11	.12	.12	.12	.13	.13	.13	.14
22	.10	.10	.11	.11	.11	.12	.12	.12	.13	.13	.14	.14	.14
23	.10	.11	.11	.12	.12	.12	.13	.13	.13	.14	.14	.15	.15
24	.11	.11	.12	.12	.12	.13	.13	.14	.14	.14	.15	.15	.16
25	.11	.12	.12	.13	.13	.13	.14	.14	.15	.15	.15	.16	.16
26	.12	.12	.13	.13	.13	.14	.14	.15	.15	.16	.16	.16	.17
27	.12	.13	.13	.14	.14	.14	.15	.15	.16	.16	.17	.17	.18
28	.13	.13	.14	.14	.14	.15	.15	.16	.16	.17	.17	.18	.18
29	.13	.14	.14	.15	.15	.15	.16	.16	.17	.17	.18	.18	.19
Mts.													
1	.14	.14	.15	.15	.16	.16	.17	.17	.18	.18	.19	.19	.20
2	.27	.28	.29	.30	.31	.32	.33	.34	.35	.36	.37	.38	.39
3	.41	.42	.44	.45	.47	.48	.50	.51	.53	.54	.56	.57	.59
4	.54	.56	.58	.60	.62	.64	.66	.68	.70	.72	.74	.76	.78
5	.68	.70	.73	.75	.78	.80	.83	.85	.88	.90	.93	.95	.98
6	.81	.84	.87	.90	.93	.96	.99	1.02	1.05	1.08	1.11	1.14	1.17
7	.95	.98	1.02	1.05	1.09	1.12	1.16	1.19	1.23	1.26	1.30	1.33	1.37
8	1.08	1.12	1.16	1.20	1.24	1.28	1.32	1.36	1.40	1.44	1.48	1.52	1.56
9	1.22	1.26	1.31	1.35	1.40	1.44	1.49	1.53	1.58	1.62	1.67	1.71	1.76
10	1.35	1.40	1.45	1.50	1.55	1.60	1.65	1.70	1.75	1.80	1.85	1.90	1.95
11	1.49	1.54	1.60	1.65	1.71	1.76	1.82	1.87	1.93	1.98	2.04	2.09	2.15
1 Yr.	1.62	1.68	1.74	1.80	1.86	1.92	1.98	2.04	2.10	2.16	2.22	2.28	2.34

*Interest Table, at Six Per Cent.*

Time Days	\$40	\$41	\$42	\$43	\$44	\$45	\$46	\$47	\$48	\$49	\$50	\$51	\$52
1	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01
2	.01	.01	.01	.01	.01	.02	.02	.02	.02	.02	.02	.02	.02
3	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.03	.03	.03
4	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03
5	.03	.03	.04	.04	.04	.04	.04	.04	.04	.04	.04	.04	.04
6	.04	.04	.04	.04	.04	.05	.05	.05	.05	.05	.05	.05	.05
7	.05	.05	.05	.05	.05	.05	.05	.05	.06	.06	.06	.06	.06
8	.05	.05	.06	.06	.06	.06	.06	.06	.06	.07	.07	.07	.07
9	.06	.06	.06	.06	.07	.07	.07	.07	.07	.07	.08	.08	.08
10	.07	.07	.07	.07	.07	.08	.08	.08	.08	.08	.08	.09	.09
11	.07	.08	.08	.08	.08	.08	.08	.09	.09	.09	.09	.09	.09
12	.08	.08	.08	.09	.09	.09	.09	.09	.10	.10	.10	.10	.10
13	.09	.09	.09	.09	.10	.10	.10	.10	.10	.11	.11	.11	.11
14	.09	.10	.10	.10	.10	.11	.11	.11	.11	.11	.12	.12	.12
15	.10	.10	.11	.11	.11	.11	.12	.12	.12	.12	.13	.13	.13
16	.11	.11	.11	.11	.12	.12	.12	.13	.13	.13	.13	.14	.14
17	.11	.12	.12	.12	.12	.13	.13	.13	.14	.14	.14	.14	.15
18	.12	.12	.13	.13	.13	.14	.14	.14	.14	.15	.15	.15	.16
19	.13	.13	.13	.14	.14	.14	.15	.15	.15	.16	.16	.16	.16
20	.13	.14	.14	.14	.15	.15	.15	.16	.16	.16	.17	.17	.17
21	.14	.14	.15	.15	.15	.16	.16	.16	.17	.17	.18	.18	.18
22	.15	.15	.15	.16	.16	.17	.17	.17	.18	.18	.18	.19	.19
23	.15	.16	.16	.16	.17	.17	.18	.18	.18	.19	.19	.20	.20
24	.16	.16	.17	.17	.18	.18	.18	.19	.19	.20	.20	.20	.21
25	.17	.17	.18	.18	.18	.19	.19	.20	.20	.20	.21	.21	.22
26	.17	.18	.18	.19	.19	.20	.20	.20	.21	.21	.22	.22	.23
27	.18	.18	.19	.19	.20	.20	.21	.21	.22	.22	.23	.23	.23
28	.19	.19	.20	.20	.20	.21	.21	.22	.22	.23	.23	.24	.24
29	.19	.20	.20	.21	.21	.22	.22	.23	.23	.24	.24	.25	.25
Mts.													
1	.20	.21	.21	.22	.22	.23	.23	.24	.24	.25	.25	.26	.26
2	.40	.41	.42	.43	.44	.45	.46	.47	.48	.49	.50	.51	.52
3	.60	.62	.63	.65	.66	.68	.69	.71	.72	.74	.75	.77	.78
4	.80	.82	.84	.86	.88	.90	.92	.94	.96	.98	1.00	1.02	1.04
5	1.00	1.03	1.05	1.08	1.10	1.13	1.15	1.18	1.20	1.23	1.25	1.28	1.30
6	1.20	1.23	1.26	1.29	1.32	1.35	1.38	1.41	1.44	1.47	1.50	1.53	1.56
7	1.40	1.44	1.47	1.51	1.54	1.58	1.61	1.65	1.68	1.72	1.75	1.79	1.82
8	1.60	1.64	1.68	1.72	1.76	1.80	1.84	1.88	1.92	1.96	2.00	2.04	2.08
9	1.80	1.85	1.89	1.94	1.98	2.03	2.07	2.12	2.16	2.21	2.25	2.30	2.34
10	2.00	2.05	2.10	2.15	2.20	2.25	2.30	2.35	2.40	2.45	2.50	2.55	2.60
11	2.20	2.26	2.31	2.37	2.42	2.48	2.53	2.59	2.64	2.70	2.75	2.81	2.86
1 Yr.	2.40	2.46	2.52	2.58	2.64	2.70	2.76	2.82	2.88	2.94	3.00	3.06	3.12

*Interest Table, at Six Per Cent.*

TIME Days	\$53	\$54	\$55	\$56	\$57	\$58	\$59	\$60	\$61	\$62	\$63	\$64
1	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01
2	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02
3	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03
4	.04	.04	.04	.04	.04	.04	.04	.04	.04	.04	.04	.04
5	.04	.05	.05	.05	.05	.05	.05	.05	.05	.05	.05	.05
6	.05	.05	.06	.06	.06	.06	.06	.06	.06	.06	.06	.06
7	.06	.06	.06	.07	.07	.07	.07	.07	.07	.07	.07	.07
8	.07	.07	.07	.07	.08	.08	.08	.08	.08	.08	.08	.09
9	.08	.08	.08	.08	.09	.09	.09	.09	.09	.09	.09	.10
10	.09	.09	.09	.09	.10	.10	.10	.10	.10	.10	.11	.11
11	.10	.10	.10	.10	.10	.11	.11	.11	.11	.11	.12	.12
12	.11	.11	.11	.11	.11	.12	.12	.12	.12	.12	.13	.13
13	.11	.12	.12	.12	.12	.13	.13	.13	.13	.13	.14	.14
14	.12	.13	.13	.13	.13	.14	.14	.14	.14	.14	.15	.15
15	.13	.14	.14	.14	.14	.15	.15	.15	.15	.16	.16	.16
16	.14	.14	.15	.15	.15	.15	.16	.16	.16	.17	.17	.17
17	.15	.15	.16	.16	.16	.16	.17	.17	.17	.18	.18	.18
18	.16	.16	.17	.17	.17	.17	.18	.18	.18	.19	.19	.19
19	.17	.17	.17	.18	.18	.18	.19	.19	.19	.20	.20	.20
20	.18	.18	.18	.19	.19	.19	.20	.20	.20	.21	.21	.21
21	.19	.19	.19	.20	.20	.20	.21	.21	.21	.22	.22	.22
22	.19	.20	.20	.21	.21	.21	.22	.22	.22	.23	.23	.23
23	.20	.21	.21	.21	.22	.22	.23	.23	.23	.24	.24	.25
24	.21	.22	.22	.22	.23	.23	.24	.24	.24	.25	.25	.26
25	.22	.23	.23	.23	.24	.24	.25	.25	.25	.26	.26	.27
26	.23	.23	.24	.24	.25	.25	.26	.26	.26	.27	.27	.28
27	.24	.24	.25	.25	.26	.26	.27	.27	.27	.28	.28	.29
28	.25	.25	.26	.26	.27	.27	.28	.28	.28	.29	.29	.30
29	.26	.26	.27	.27	.28	.28	.29	.29	.29	.30	.30	.31

Mts.												
1	.27	.27	.28	.28	.29	.29	.30	.30	.31	.31	.32	.32
2	.53	.54	.55	.56	.57	.58	.59	.60	.61	.62	.63	.64
3	.80	.81	.83	.84	.86	.87	.89	.90	.92	.93	.95	.96
4	1.06	1.08	1.10	1.12	1.14	1.16	1.18	1.20	1.22	1.24	1.26	1.28
5	1.33	1.35	1.38	1.40	1.43	1.45	1.48	1.50	1.53	1.55	1.58	1.60
6	1.59	1.62	1.65	1.68	1.71	1.74	1.77	1.80	1.83	1.86	1.89	1.92
7	1.86	1.89	1.93	1.96	2.00	2.03	2.07	2.10	2.14	2.17	2.21	2.24
8	2.12	2.16	2.20	2.24	2.28	2.32	2.36	2.40	2.44	2.48	2.52	2.56
9	2.39	2.43	2.48	2.52	2.57	2.61	2.66	2.70	2.75	2.79	2.84	2.88
10	2.65	2.70	2.75	2.80	2.85	2.90	2.95	3.00	3.05	3.10	3.15	3.20
11	2.92	2.97	3.03	3.08	3.14	3.19	3.25	3.30	3.36	3.41	3.47	3.52
1 Yr.	3.18	3.24	3.30	3.36	3.42	3.48	3.54	3.60	3.66	3.72	3.78	3.84

*Interest Table, at Six Per Cent.*

TIME Days	\$65	\$66	\$67	\$68	\$69	\$70	\$71	\$72	\$73	\$74	\$75	\$76
1	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01
2	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.03	.03
3	.03	.03	.03	.03	.03	.04	.04	.04	.04	.04	.04	.04
4	.04	.04	.04	.05	.05	.05	.05	.05	.05	.05	.05	.05
5	.05	.06	.06	.06	.06	.06	.06	.06	.06	.06	.06	.06
6	.07	.07	.07	.07	.07	.07	.07	.07	.07	.07	.08	.08
7	.08	.08	.08	.08	.08	.08	.08	.08	.09	.09	.09	.09
8	.09	.09	.09	.09	.09	.09	.09	.10	.10	.10	.10	.10
9	.10	.10	.10	.10	.10	.11	.11	.11	.11	.11	.11	.11
10	.11	.11	.11	.11	.12	.12	.12	.12	.12	.12	.13	.13
11	.12	.12	.12	.12	.13	.13	.13	.13	.13	.14	.14	.14
12	.13	.13	.13	.14	.14	.14	.14	.14	.15	.15	.15	.15
13	.14	.14	.15	.15	.15	.15	.15	.16	.16	.16	.16	.16
14	.15	.15	.16	.16	.16	.16	.17	.17	.17	.17	.18	.18
15	.16	.17	.17	.17	.17	.18	.18	.18	.18	.19	.19	.19
16	.17	.18	.18	.18	.18	.19	.19	.19	.19	.20	.20	.20
17	.18	.19	.19	.19	.20	.20	.20	.20	.21	.21	.21	.22
18	.20	.20	.20	.20	.21	.21	.21	.22	.22	.22	.23	.23
19	.21	.21	.21	.22	.22	.22	.22	.23	.23	.23	.24	.24
20	.22	.22	.22	.23	.23	.23	.24	.24	.24	.25	.25	.25
21	.23	.23	.23	.24	.24	.25	.25	.25	.26	.26	.26	.27
22	.24	.24	.25	.25	.25	.26	.26	.26	.27	.27	.28	.28
23	.25	.25	.26	.26	.26	.27	.27	.28	.28	.28	.29	.29
24	.26	.26	.27	.27	.28	.28	.28	.29	.29	.30	.30	.30
25	.27	.28	.28	.28	.29	.29	.30	.30	.30	.31	.31	.32
26	.28	.29	.29	.29	.30	.30	.31	.31	.32	.32	.33	.33
27	.29	.30	.30	.31	.31	.32	.32	.32	.33	.33	.34	.34
28	.30	.31	.31	.32	.32	.33	.33	.34	.34	.35	.35	.35
29	.31	.32	.32	.33	.33	.34	.34	.35	.35	.36	.36	.37

Mts.												
1	.33	.33	.34	.34	.35	.35	.36	.36	.37	.37	.38	.38
2	.65	.66	.67	.68	.69	.70	.71	.72	.73	.74	.75	.76
3	.98	.99	1.01	1.02	1.04	1.05	1.07	1.08	1.10	1.11	1.13	1.14
4	1.30	1.32	1.34	1.36	1.38	1.40	1.42	1.44	1.46	1.48	1.50	1.52
5	1.63	1.65	1.68	1.70	1.73	1.75	1.78	1.80	1.83	1.85	1.88	1.90
6	1.95	1.98	2.01	2.04	2.07	2.10	2.13	2.16	2.19	2.22	2.25	2.28
7	2.28	2.31	2.35	2.38	2.42	2.45	2.49	2.52	2.56	2.59	2.63	2.66
8	2.60	2.64	2.68	2.72	2.76	2.80	2.84	2.88	2.92	2.96	3.00	3.04
9	2.93	2.97	3.02	3.06	3.11	3.15	3.20	3.24	3.29	3.33	3.38	3.42
10	3.25	3.30	3.35	3.40	3.45	3.50	3.55	3.60	3.65	3.70	3.75	3.80
11	3.58	3.63	3.69	3.74	3.80	3.85	3.91	3.96	4.02	4.07	4.13	4.18
1 Yr.	3.90	3.96	4.02	4.08	4.14	4.20	4.26	4.32	4.38	4.44	4.50	4.56



*Interest Table, at Six Per Cent.*

Time Days	\$77	\$78	\$79	\$80	\$81	\$82	\$83	\$84	\$85	\$86	\$87	\$88
1	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01
2	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03
3	.04	.04	.04	.04	.04	.04	.04	.04	.04	.04	.04	.04
4	.05	.05	.05	.05	.05	.05	.06	.06	.06	.06	.06	.06
5	.06	.07	.07	.07	.07	.07	.07	.07	.07	.07	.07	.07
6	.08	.08	.08	.08	.08	.08	.08	.08	.09	.09	.09	.09
7	.09	.09	.09	.09	.09	.10	.10	.10	.10	.10	.10	.10
8	.10	.10	.11	.11	.11	.11	.11	.11	.11	.11	.12	.12
9	.12	.12	.12	.12	.12	.12	.12	.13	.13	.13	.13	.13
10	.13	.13	.13	.13	.14	.14	.14	.14	.14	.14	.15	.15
11	.14	.14	.14	.15	.15	.15	.15	.15	.16	.16	.16	.16
12	.15	.16	.16	.16	.16	.16	.17	.17	.17	.17	.17	.18
13	.17	.17	.17	.17	.18	.18	.18	.18	.18	.19	.19	.19
14	.18	.18	.18	.19	.19	.19	.19	.20	.20	.20	.20	.21
15	.19	.20	.20	.20	.20	.21	.21	.21	.21	.22	.22	.22
16	.20	.21	.21	.21	.21	.22	.22	.22	.23	.23	.23	.23
17	.22	.22	.22	.23	.23	.23	.24	.24	.24	.24	.25	.25
18	.23	.23	.24	.24	.24	.25	.25	.25	.26	.26	.26	.26
19	.24	.25	.25	.25	.26	.26	.26	.27	.27	.27	.28	.28
20	.26	.26	.26	.27	.27	.27	.28	.28	.28	.29	.29	.29
21	.27	.27	.28	.28	.28	.29	.29	.29	.30	.30	.30	.31
22	.28	.29	.29	.29	.30	.30	.30	.31	.31	.32	.32	.32
23	.30	.30	.30	.31	.31	.31	.32	.32	.33	.33	.33	.34
24	.31	.31	.32	.32	.32	.33	.33	.34	.34	.34	.35	.35
25	.32	.33	.33	.33	.34	.34	.35	.35	.35	.36	.36	.37
26	.33	.34	.34	.35	.35	.36	.36	.36	.37	.37	.38	.38
27	.35	.35	.36	.36	.36	.37	.37	.38	.38	.39	.39	.40
28	.36	.36	.37	.37	.38	.38	.39	.39	.40	.40	.41	.41
29	.37	.38	.38	.39	.39	.40	.40	.41	.41	.42	.42	.43

Mts.												
1	.39	.39	.40	.40	.41	.41	.42	.42	.43	.43	.44	.44
2	.77	.78	.79	.80	.81	.82	.83	.84	.85	.86	.87	.88
3	1.16	1.17	1.19	1.20	1.22	1.23	1.25	1.26	1.27	1.29	1.31	1.32
4	1.54	1.56	1.58	1.60	1.62	1.64	1.66	1.68	1.70	1.72	1.74	1.76
5	1.93	1.95	1.98	2.00	2.03	2.05	2.08	2.10	2.13	2.15	2.18	2.20
6	2.31	2.34	2.37	2.40	2.43	2.46	2.49	2.52	2.55	2.58	2.61	2.64
7	2.70	2.73	2.77	2.80	2.84	2.87	2.91	2.94	2.98	3.01	3.05	3.08
8	3.08	3.12	3.16	3.20	3.24	3.28	3.32	3.36	3.40	3.44	3.48	3.52
9	3.47	3.51	3.56	3.60	3.65	3.69	3.74	3.78	3.83	3.87	3.92	3.96
10	3.85	3.90	3.95	4.00	4.05	4.10	4.15	4.20	4.25	4.30	4.35	4.40
11	4.24	4.29	4.35	4.40	4.46	4.51	4.57	4.62	4.68	4.73	4.79	4.84
1 Yr.	4.62	4.68	4.74	4.80	4.86	4.92	4.98	5.04	5.10	5.16	5.22	5.28



*Interest Table, at Six Per Cent.*

TIME Days	\$89	\$90	\$91	\$92	\$93	\$94	\$95	\$96	\$97	\$98	\$99	\$100
1	.01	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02
2	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03
3	.04	.05	.05	.05	.05	.05	.05	.05	.05	.05	.05	.05
4	.06	.06	.06	.06	.06	.06	.06	.06	.06	.07	.07	.07
5	.07	.08	.08	.08	.08	.08	.08	.08	.08	.08	.08	.08
6	.09	.09	.09	.09	.09	.09	.10	.10	.10	.10	.10	.10
7	.10	.11	.11	.11	.11	.11	.11	.11	.11	.11	.12	.12
8	.12	.12	.12	.12	.12	.13	.13	.13	.13	.13	.13	.13
9	.13	.14	.14	.14	.14	.14	.14	.14	.15	.15	.15	.15
10	.15	.15	.15	.15	.16	.16	.16	.16	.16	.16	.17	.17
11	.16	.17	.17	.17	.17	.17	.17	.18	.18	.18	.18	.18
12	.18	.18	.18	.18	.19	.19	.19	.19	.19	.20	.20	.20
13	.19	.20	.20	.20	.20	.20	.21	.21	.21	.21	.21	.22
14	.21	.21	.21	.21	.22	.22	.22	.22	.23	.23	.23	.23
15	.22	.23	.23	.23	.23	.24	.24	.24	.24	.25	.25	.25
16	.24	.24	.24	.25	.25	.25	.25	.26	.26	.26	.26	.27
17	.25	.26	.26	.26	.26	.27	.27	.27	.27	.28	.28	.28
18	.27	.27	.27	.28	.28	.28	.29	.29	.29	.29	.30	.30
19	.28	.29	.29	.29	.29	.30	.30	.30	.31	.31	.31	.32
20	.30	.30	.30	.31	.31	.31	.32	.32	.32	.33	.33	.33
21	.31	.32	.32	.32	.33	.33	.33	.34	.34	.34	.35	.35
22	.33	.33	.33	.34	.34	.34	.35	.35	.36	.36	.36	.37
23	.34	.35	.35	.35	.36	.36	.36	.37	.37	.38	.38	.38
24	.36	.36	.36	.37	.37	.38	.38	.38	.39	.39	.40	.40
25	.37	.38	.38	.38	.39	.39	.40	.40	.40	.41	.41	.42
26	.39	.39	.39	.40	.40	.41	.41	.42	.42	.42	.43	.43
27	.40	.41	.41	.41	.42	.42	.43	.43	.43	.44	.45	.45
28	.42	.42	.42	.43	.43	.44	.44	.45	.45	.46	.46	.47
29	.43	.44	.44	.44	.45	.45	.46	.46	.47	.47	.48	.48
Mts.												
1	.45	.45	.46	.46	.47	.47	.48	.48	.49	.49	.50	.50
2	.89	.90	.91	.92	.93	.94	.95	.96	.97	.98	.99	1.00
3	1.34	1.35	1.37	1.38	1.40	1.41	1.43	1.44	1.46	1.47	1.49	1.50
4	1.78	1.80	1.82	1.84	1.86	1.88	1.90	1.92	1.94	1.96	1.98	2.00
5	2.23	2.25	2.28	2.30	2.33	2.35	2.38	2.40	2.43	2.45	2.48	2.50
6	2.67	2.70	2.73	2.76	2.79	2.82	2.85	2.88	2.91	2.94	2.97	3.00
7	3.12	3.15	3.19	3.22	3.26	3.29	3.33	3.36	3.40	3.43	3.47	3.50
8	3.56	3.60	3.64	3.68	3.72	3.76	3.80	3.84	3.88	3.92	3.96	4.00
9	4.10	4.05	4.10	4.14	4.19	4.23	4.28	4.32	4.37	4.41	4.46	4.50
10	4.45	4.50	4.55	4.60	4.65	4.70	4.75	4.80	4.85	4.90	4.95	5.00
11	4.90	4.95	5.01	5.06	5.12	5.17	5.23	5.28	5.34	5.39	5.45	5.50
1 Yr.	5.34	5.40	5.46	5.52	5.58	5.64	5.70	5.76	5.82	5.88	5.94	6.00

## INTEREST TABLE, AT SIX PER CENT.

TIME. Days.	\$200	\$300	\$400	\$500	\$600	\$700	\$800	\$900	\$1000
1	.03	.05	.07	.08	.10	.12	.13	.15	.17
2	.07	.10	.13	.17	.20	.23	.27	.30	.33
3	.10	.15	.20	.25	.30	.35	.40	.45	.50
4	.13	.20	.27	.33	.40	.47	.53	.60	.67
5	.17	.25	.33	.42	.50	.58	.67	.75	.83
6	.20	.30	.40	.50	.60	.70	.80	.90	1.00
7	.23	.35	.47	.58	.70	.82	.93	1.05	1.17
8	.27	.40	.53	.67	.80	.93	1.07	1.20	1.33
9	.30	.45	.60	.75	.90	1.05	1.20	1.35	1.50
10	.33	.50	.67	.83	1.00	1.17	1.33	1.50	1.67
11	.37	.55	.73	.92	1.10	1.28	1.47	1.65	1.83
12	.40	.60	.80	1.00	1.20	1.40	1.60	1.80	2.00
13	.43	.65	.87	1.08	1.30	1.52	1.73	1.95	2.17
14	.47	.70	.93	1.17	1.40	1.63	1.87	2.10	2.33
15	.50	.75	1.00	1.25	1.50	1.75	2.00	2.25	2.50
16	.53	.80	1.07	1.33	1.60	1.87	2.13	2.40	2.67
17	.57	.85	1.13	1.42	1.70	1.98	2.27	2.55	2.83
18	.60	.90	1.20	1.50	1.80	2.10	2.40	2.70	3.00
19	.63	.95	1.27	1.58	1.90	2.22	2.53	2.85	3.17
20	.67	1.00	1.33	1.67	2.00	2.33	2.67	3.00	3.33
21	.70	1.05	1.40	1.75	2.10	2.45	2.80	3.15	3.50
22	.73	1.10	1.47	1.83	2.20	2.57	2.93	3.30	3.67
23	.77	1.15	1.53	1.92	2.30	2.68	3.07	3.45	3.83
24	.80	1.20	1.60	2.00	2.40	2.80	3.20	3.60	4.00
25	.83	1.25	1.67	2.08	2.50	2.92	3.33	3.75	4.17
26	.87	1.30	1.73	2.17	2.60	3.03	3.47	3.90	4.33
27	.90	1.35	1.80	2.25	2.70	3.15	3.60	4.05	4.50
28	.93	1.40	1.87	2.33	2.80	3.27	3.73	4.20	4.67
29	.97	1.45	1.93	2.42	2.90	3.38	3.87	4.35	4.83
Months.									
1	1.00	1.50	2.00	2.50	3.00	3.50	4.00	4.50	5.00
2	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00
3	3.00	4.50	6.00	7.50	9.00	10.50	12.00	13.50	15.00
4	4.00	6.00	8.00	10.00	12.00	14.00	16.00	18.00	20.00
5	5.00	7.50	10.00	12.50	15.00	17.50	20.00	22.50	25.00
6	6.00	9.00	12.00	15.00	18.00	21.00	24.00	27.00	30.00
7	7.00	10.50	14.00	17.50	21.00	24.50	28.00	31.50	35.00
8	8.00	12.00	16.00	20.00	24.00	28.00	32.00	36.00	40.00
9	9.00	13.50	18.00	22.50	27.00	31.50	36.00	40.50	45.00
10	10.00	15.00	20.00	25.00	30.00	35.00	40.00	45.00	50.00
11	11.00	16.50	22.00	27.50	33.00	38.50	44.00	49.50	55.00
1 Yr.	12.00	18.00	24.00	30.00	36.00	42.00	48.00	54.00	60.00

*Interest Table, at Seven Per Cent.*

TIME Days	\$1	\$2	\$3	\$4	\$5	\$6	\$7	\$8	\$9	\$10	\$11	\$12	\$13
1	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
2	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.01
3	.00	.00	.00	.00	.00	.00	.00	.00	.01	.01	.01	.01	.01
4	.00	.00	.00	.00	.00	.00	.01	.01	.01	.01	.01	.01	.01
5	.00	.00	.00	.00	.00	.01	.01	.01	.01	.01	.01	.01	.01
6	.00	.00	.00	.00	.01	.01	.01	.01	.01	.01	.01	.01	.02
7	.00	.00	.00	.01	.01	.01	.01	.01	.01	.01	.01	.02	.02
8	.00	.00	.00	.01	.01	.01	.01	.01	.01	.02	.02	.02	.02
9	.00	.00	.01	.01	.01	.01	.01	.01	.02	.02	.02	.02	.02
10	.00	.00	.01	.01	.01	.01	.01	.02	.02	.02	.02	.02	.03
11	.00	.00	.01	.01	.01	.01	.01	.02	.02	.02	.02	.03	.03
12	.00	.00	.01	.01	.01	.01	.02	.02	.02	.02	.03	.03	.03
13	.00	.01	.01	.01	.01	.02	.02	.02	.02	.03	.03	.03	.03
14	.00	.01	.01	.01	.01	.02	.02	.02	.02	.03	.03	.03	.04
15	.00	.01	.01	.01	.01	.02	.02	.02	.03	.03	.03	.04	.04
16	.00	.01	.01	.01	.02	.02	.02	.02	.03	.03	.03	.04	.04
17	.00	.01	.01	.01	.02	.02	.02	.03	.03	.03	.04	.04	.04
18	.00	.01	.01	.01	.02	.02	.02	.03	.03	.04	.04	.04	.05
19	.00	.01	.01	.01	.02	.02	.03	.03	.03	.04	.04	.04	.05
20	.00	.01	.01	.02	.02	.02	.03	.03	.04	.04	.04	.05	.05
21	.00	.01	.01	.02	.02	.02	.03	.03	.04	.04	.04	.05	.05
22	.00	.01	.01	.02	.02	.03	.03	.03	.04	.04	.05	.05	.06
23	.00	.01	.01	.02	.02	.03	.03	.04	.04	.04	.05	.05	.06
24	.00	.01	.01	.02	.02	.03	.03	.04	.04	.05	.05	.06	.06
25	.00	.01	.01	.02	.02	.03	.03	.04	.04	.05	.05	.06	.06
26	.01	.01	.02	.02	.03	.03	.04	.04	.05	.05	.06	.06	.07
27	.01	.01	.02	.02	.03	.03	.04	.04	.05	.05	.06	.06	.07
28	.01	.01	.02	.02	.03	.03	.04	.04	.05	.05	.06	.07	.07
29	.01	.01	.02	.02	.03	.03	.04	.05	.05	.06	.06	.07	.07

Mts.													
1	.01	.01	.02	.02	.03	.04	.04	.05	.05	.06	.06	.07	.08
2	.01	.02	.04	.05	.06	.07	.08	.09	.11	.12	.13	.14	.15
3	.02	.04	.05	.07	.09	.11	.12	.14	.16	.18	.19	.21	.23
4	.02	.05	.07	.09	.12	.14	.16	.19	.21	.23	.26	.28	.30
5	.03	.06	.09	.12	.15	.18	.20	.23	.26	.29	.32	.35	.38
6	.04	.07	.11	.14	.18	.21	.25	.28	.32	.35	.39	.42	.46
7	.04	.08	.12	.16	.20	.25	.29	.33	.37	.41	.45	.49	.53
8	.05	.09	.14	.19	.23	.28	.33	.37	.42	.47	.51	.56	.61
9	.05	.11	.16	.21	.26	.32	.37	.42	.47	.53	.58	.63	.68
10	.06	.12	.18	.23	.29	.35	.41	.47	.53	.58	.64	.70	.76
11	.06	.13	.19	.26	.32	.39	.45	.51	.58	.64	.71	.77	.83
1 Yr.	.07	.14	.21	.28	.35	.42	.49	.56	.63	.70	.77	.84	.91

*Interest Table, at Seven Per Cent.*

TIME Days	\$14	\$15	\$16	\$17	\$18	\$19	\$20	\$21	\$22	\$23	\$24	\$25	\$26
1	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.01
2	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01
3	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.02
4	.01	.01	.01	.01	.01	.01	.02	.02	.02	.02	.02	.02	.02
5	.01	.01	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.03
6	.02	.02	.02	.02	.02	.02	.02	.02	.03	.03	.03	.03	.03
7	.02	.02	.02	.02	.02	.03	.03	.03	.03	.03	.03	.03	.04
8	.02	.02	.02	.03	.03	.03	.03	.03	.03	.04	.04	.04	.04
9	.02	.03	.03	.03	.03	.03	.04	.04	.04	.04	.04	.04	.05
10	.03	.03	.03	.03	.04	.04	.04	.04	.04	.04	.05	.05	.05
11	.03	.03	.03	.04	.04	.04	.04	.04	.05	.05	.05	.05	.06
12	.03	.04	.04	.04	.04	.04	.05	.05	.05	.05	.06	.06	.06
13	.04	.04	.04	.04	.05	.05	.05	.05	.06	.06	.06	.06	.07
14	.04	.04	.04	.05	.05	.05	.05	.06	.06	.06	.07	.07	.07
15	.04	.04	.05	.05	.05	.06	.06	.06	.06	.07	.07	.07	.08
16	.04	.05	.05	.05	.06	.06	.06	.07	.07	.07	.07	.08	.08
17	.05	.05	.05	.06	.06	.06	.07	.07	.07	.08	.08	.08	.09
18	.05	.05	.06	.06	.06	.07	.07	.07	.08	.08	.08	.09	.09
19	.05	.06	.06	.06	.07	.07	.07	.08	.08	.08	.09	.09	.10
20	.05	.06	.06	.07	.07	.07	.08	.08	.09	.09	.09	.10	.10
21	.06	.06	.07	.07	.07	.08	.08	.09	.09	.09	.10	.10	.11
22	.06	.06	.07	.07	.08	.08	.09	.09	.09	.10	.10	.11	.11
23	.06	.07	.07	.08	.08	.08	.09	.09	.10	.10	.11	.11	.12
24	.07	.07	.07	.08	.08	.09	.09	.10	.10	.11	.11	.12	.12
25	.07	.07	.08	.08	.09	.09	.10	.10	.11	.11	.12	.12	.13
26	.07	.08	.08	.09	.09	.10	.10	.11	.11	.12	.12	.13	.13
27	.07	.08	.08	.09	.09	.10	.11	.11	.12	.12	.13	.13	.14
28	.08	.08	.09	.09	.10	.10	.11	.11	.12	.13	.13	.14	.14
29	.08	.08	.09	.10	.10	.11	.11	.12	.12	.13	.14	.14	.15

Mts													
1	.08	.09	.09	.10	.11	.11	.12	.12	.13	.13	.14	.15	.15
2	.16	.18	.19	.20	.21	.22	.23	.25	.26	.27	.28	.29	.30
3	.25	.26	.28	.30	.32	.33	.35	.37	.39	.40	.42	.44	.46
4	.33	.35	.37	.40	.42	.44	.47	.49	.51	.54	.56	.58	.61
5	.41	.44	.47	.50	.53	.55	.58	.61	.64	.67	.70	.73	.76
6	.49	.53	.56	.60	.63	.67	.70	.74	.77	.81	.84	.88	.91
7	.57	.61	.65	.69	.74	.78	.82	.86	.90	.94	.98	1.02	1.06
8	.65	.70	.75	.79	.84	.89	.93	.98	1.03	1.07	1.12	1.17	1.21
9	.74	.79	.85	.89	.95	1.00	1.05	1.10	1.16	1.21	1.26	1.31	1.37
10	.82	.88	.93	.99	1.05	1.11	1.17	1.23	1.28	1.34	1.40	1.46	1.52
11	.90	.96	1.03	1.09	1.16	1.22	1.28	1.35	1.41	1.48	1.54	1.60	1.67
! Yr.	.98	1.05	1.12	1.19	1.26	1.33	1.40	1.47	1.54	1.61	1.68	1.75	1.82

*Interest Table, at Seven Per Cent.*

TIME Days	\$27	\$28	\$29	\$30	\$31	\$32	\$33	\$34	\$35	\$36	\$37	\$38	\$39
1	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01
2	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.02
3	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02
4	.02	.02	.02	.02	.02	.02	.03	.03	.03	.03	.03	.03	.03
5	.03	.03	.03	.03	.03	.03	.03	.03	.03	.04	.04	.04	.04
6	.03	.03	.03	.04	.04	.04	.04	.04	.04	.04	.04	.04	.05
7	.04	.04	.04	.04	.04	.04	.04	.05	.05	.05	.05	.05	.05
8	.04	.04	.05	.05	.05	.05	.05	.05	.05	.06	.06	.06	.06
9	.05	.05	.05	.05	.05	.06	.06	.06	.06	.06	.06	.07	.07
10	.05	.05	.06	.06	.06	.06	.06	.07	.07	.07	.07	.07	.08
11	.06	.06	.06	.06	.07	.07	.07	.07	.07	.08	.08	.08	.08
12	.06	.07	.07	.07	.07	.07	.08	.08	.08	.08	.09	.09	.09
13	.07	.07	.07	.08	.08	.08	.08	.09	.09	.09	.09	.10	.10
14	.07	.08	.08	.08	.08	.09	.09	.09	.10	.10	.10	.10	.11
15	.08	.08	.08	.09	.09	.09	.10	.10	.10	.10	.11	.11	.11
16	.08	.09	.09	.09	.10	.10	.10	.11	.11	.11	.12	.12	.12
17	.09	.09	.10	.10	.10	.11	.11	.11	.12	.12	.12	.13	.13
18	.09	.10	.10	.10	.11	.11	.12	.12	.12	.13	.13	.13	.14
19	.10	.10	.11	.11	.11	.12	.12	.13	.13	.13	.14	.14	.14
20	.10	.11	.11	.12	.12	.12	.13	.13	.14	.14	.14	.15	.15
21	.11	.11	.12	.12	.13	.13	.13	.14	.14	.15	.15	.16	.16
22	.12	.12	.12	.13	.13	.14	.14	.15	.15	.15	.16	.16	.17
23	.12	.13	.13	.13	.14	.14	.15	.15	.16	.16	.17	.17	.17
24	.13	.13	.14	.14	.14	.15	.15	.16	.16	.17	.17	.18	.18
25	.13	.14	.14	.15	.15	.16	.16	.17	.17	.18	.18	.18	.19
26	.14	.14	.15	.15	.16	.16	.17	.17	.18	.18	.19	.19	.20
27	.14	.15	.15	.16	.16	.17	.17	.18	.18	.19	.19	.20	.20
28	.15	.15	.16	.16	.17	.17	.18	.19	.19	.20	.20	.21	.21
29	.15	.16	.16	.17	.17	.18	.19	.19	.20	.20	.21	.21	.22
Mts.													
1	.16	.16	.17	.18	.18	.19	.19	.20	.20	.21	.22	.22	.23
2	.32	.33	.34	.35	.36	.37	.39	.40	.41	.42	.43	.44	.46
3	.47	.49	.51	.53	.54	.56	.58	.60	.61	.63	.65	.67	.68
4	.63	.65	.68	.70	.72	.75	.77	.79	.82	.84	.86	.89	.91
5	.79	.82	.85	.88	.90	.93	.96	.99	1.02	1.05	1.08	1.11	1.14
6	.95	.98	1.02	1.05	1.09	1.12	1.16	1.19	1.23	1.26	1.30	1.33	1.37
7	1.10	1.14	1.18	1.23	1.27	1.31	1.35	1.39	1.43	1.47	1.51	1.55	1.59
8	1.26	1.31	1.35	1.40	1.45	1.49	1.54	1.59	1.63	1.68	1.73	1.77	1.82
9	1.42	1.47	1.52	1.58	1.63	1.68	1.73	1.79	1.84	1.89	1.94	2.00	2.05
10	1.58	1.63	1.69	1.75	1.81	1.87	1.93	1.98	2.04	2.10	2.16	2.22	2.28
11	1.73	1.80	1.86	1.93	1.99	2.05	2.12	2.18	2.25	2.31	2.37	2.44	2.50
1 Yr.	1.89	1.96	2.03	2.10	2.17	2.24	2.31	2.38	2.45	2.52	2.59	2.66	2.73

*Interest Table, at Seven Per Cent.*

TIME Days	\$10	\$41	\$42	\$43	\$44	\$45	\$46	\$47	\$48	\$49	\$50	\$51	\$52.
1	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01
2	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02
3	.02	.02	.02	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03
4	.03	.03	.03	.03	.03	.04	.04	.04	.04	.04	.04	.04	.04
5	.04	.04	.04	.04	.04	.04	.04	.05	.05	.05	.05	.05	.05
6	.05	.05	.05	.05	.05	.05	.05	.05	.06	.06	.06	.06	.06
7	.05	.06	.06	.06	.06	.06	.06	.06	.07	.07	.07	.07	.07
8	.06	.06	.07	.07	.07	.07	.07	.07	.07	.08	.08	.08	.08
9	.07	.07	.07	.08	.08	.08	.08	.08	.08	.09	.09	.09	.09
10	.08	.08	.08	.08	.08	.09	.09	.09	.09	.10	.10	.10	.10
11	.09	.09	.09	.09	.09	.10	.10	.10	.10	.10	.11	.11	.11
12	.09	.10	.10	.10	.10	.10	.11	.11	.11	.11	.12	.12	.12
13	.10	.10	.11	.11	.11	.11	.12	.12	.12	.12	.13	.13	.13
14	.11	.11	.11	.12	.12	.12	.13	.13	.13	.13	.14	.14	.14
15	.12	.12	.12	.13	.13	.13	.13	.14	.14	.14	.15	.15	.15
16	.12	.13	.13	.13	.14	.14	.14	.15	.15	.15	.16	.16	.16
17	.13	.14	.14	.14	.15	.15	.15	.16	.16	.16	.17	.17	.17
18	.14	.14	.15	.15	.15	.16	.16	.16	.17	.17	.18	.18	.18
19	.15	.15	.16	.16	.16	.17	.17	.17	.18	.18	.18	.19	.19
20	.16	.16	.16	.17	.17	.18	.18	.18	.19	.19	.19	.20	.20
21	.16	.17	.17	.18	.18	.18	.19	.19	.20	.20	.20	.21	.21
22	.17	.18	.18	.18	.19	.19	.20	.20	.21	.21	.21	.22	.22
23	.18	.18	.19	.19	.20	.20	.21	.21	.21	.22	.22	.23	.23
24	.19	.19	.20	.20	.21	.21	.21	.22	.22	.23	.23	.24	.24
25	.19	.20	.20	.21	.21	.22	.22	.23	.23	.24	.24	.25	.25
26	.20	.21	.21	.22	.22	.23	.23	.24	.24	.25	.25	.26	.26
27	.21	.22	.22	.23	.23	.24	.24	.25	.25	.26	.26	.27	.27
28	.22	.22	.23	.23	.24	.25	.25	.26	.26	.27	.27	.28	.28
29	.23	.23	.24	.24	.25	.25	.26	.26	.27	.28	.28	.29	.29
Mts.													
1	.23	.24	.25	.25	.26	.26	.27	.27	.28	.29	.29	.30	.30
2	.47	.48	.49	.50	.51	.53	.54	.55	.56	.57	.58	.60	.61
3	.70	.72	.74	.75	.77	.79	.81	.82	.84	.86	.88	.89	.91
4	.93	.96	.98	1.00	1.03	1.05	1.07	1.10	1.12	1.14	1.17	1.19	1.21
5	1.17	1.20	1.23	1.25	1.28	1.31	1.34	1.37	1.40	1.43	1.46	1.49	1.52
6	1.40	1.44	1.47	1.51	1.54	1.58	1.61	1.65	1.68	1.72	1.75	1.79	1.82
7	1.63	1.67	1.72	1.76	1.80	1.84	1.88	1.92	1.96	2.00	2.04	2.08	2.12
8	1.87	1.91	1.96	2.01	2.05	2.10	2.15	2.19	2.24	2.29	2.33	2.38	2.43
9	2.10	2.15	2.21	2.26	2.31	2.36	2.42	2.47	2.52	2.57	2.63	2.68	2.73
10	2.33	2.39	2.45	2.51	2.57	2.63	2.68	2.74	2.80	2.86	2.92	2.98	3.03
11	2.57	2.63	2.70	2.76	2.82	2.89	2.95	3.02	3.08	3.14	3.21	3.27	3.34
1 Yr.	2.80	2.87	2.94	3.01	3.08	3.15	3.22	3.29	3.36	3.43	3.50	3.57	3.64



*Interest Table, at Seven Per Cent.*

TIME Days	\$53	\$54	\$55	\$56	\$57	\$58	\$59	\$60	\$61	\$62	\$63	\$64
1	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01
2	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02
3	.03	.03	.03	.03	.03	.03	.03	.04	.04	.04	.04	.04
4	.04	.04	.04	.04	.04	.05	.05	.05	.05	.05	.05	.05
5	.05	.05	.05	.05	.06	.06	.06	.06	.06	.06	.06	.06
6	.06	.06	.06	.07	.07	.07	.07	.07	.07	.07	.07	.07
7	.07	.07	.07	.08	.08	.08	.08	.08	.08	.08	.09	.09
8	.08	.08	.09	.09	.09	.09	.09	.09	.10	.10	.10	.10
9	.09	.09	.10	.10	.10	.10	.10	.11	.11	.11	.11	.11
10	.10	.11	.11	.11	.11	.11	.11	.12	.12	.12	.12	.12
11	.11	.12	.12	.12	.12	.12	.13	.13	.13	.13	.13	.14
12	.12	.13	.13	.13	.13	.14	.14	.14	.14	.14	.15	.15
13	.13	.14	.14	.14	.14	.15	.15	.15	.15	.16	.16	.16
14	.14	.15	.15	.15	.16	.16	.16	.16	.17	.17	.17	.17
15	.15	.16	.16	.16	.17	.17	.17	.18	.18	.18	.18	.19
16	.16	.17	.17	.17	.18	.18	.18	.19	.19	.19	.20	.20
17	.18	.18	.18	.19	.19	.19	.20	.20	.20	.20	.21	.21
18	.19	.19	.19	.20	.20	.20	.21	.21	.21	.22	.22	.22
19	.20	.20	.20	.21	.21	.21	.22	.22	.23	.23	.23	.24
20	.21	.21	.21	.22	.22	.23	.23	.23	.24	.24	.25	.25
21	.22	.22	.22	.23	.23	.24	.24	.25	.25	.25	.26	.26
22	.23	.23	.24	.24	.24	.25	.25	.26	.26	.27	.27	.27
23	.24	.24	.25	.25	.25	.26	.26	.27	.27	.28	.28	.29
24	.25	.25	.26	.26	.27	.27	.28	.28	.28	.29	.29	.30
25	.26	.26	.27	.27	.28	.28	.29	.29	.30	.30	.31	.31
26	.27	.27	.28	.28	.29	.29	.30	.30	.31	.31	.32	.32
27	.28	.28	.29	.29	.30	.30	.31	.32	.32	.33	.33	.34
28	.29	.29	.30	.30	.31	.32	.32	.33	.33	.34	.34	.35
29	.30	.30	.31	.32	.32	.33	.33	.34	.34	.35	.36	.36
Mts.												
1	.31	.32	.32	.33	.33	.34	.34	.35	.36	.36	.37	.37
2	.62	.63	.64	.65	.67	.68	.69	.70	.71	.72	.74	.75
3	.93	.95	.96	.98	1.00	1.02	1.03	1.05	1.07	1.09	1.10	1.12
4	1.24	1.26	1.28	1.31	1.33	1.35	1.38	1.40	1.42	1.45	1.47	1.49
5	1.55	1.58	1.60	1.63	1.66	1.69	1.72	1.75	1.78	1.81	1.84	1.87
6	1.86	1.89	1.93	1.96	2.00	2.03	2.07	2.10	2.14	2.17	2.21	2.24
7	2.16	2.21	2.25	2.29	2.33	2.37	2.41	2.45	2.49	2.53	2.57	2.61
8	2.47	2.52	2.57	2.61	2.66	2.71	2.75	2.80	2.85	2.89	2.94	2.99
9	2.78	2.84	2.89	2.94	2.99	3.05	3.10	3.15	3.20	3.26	3.31	3.36
10	3.09	3.15	3.21	3.27	3.33	3.38	3.44	3.50	3.56	3.62	3.68	3.73
11	3.40	3.47	3.53	3.59	3.66	3.72	3.79	3.85	3.91	3.98	4.04	4.11
1 Yr.	3.71	3.78	3.85	3.92	3.99	4.06	4.13	4.20	4.27	4.34	4.41	4.48

*Interest Table, at Seven Per Cent.*

Time Days	\$65	\$66	\$67	\$68	\$69	\$70	\$71	\$72	\$73	\$74	\$75	\$76
1	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01
2	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03
3	.04	.04	.04	.04	.04	.04	.04	.04	.04	.04	.04	.04
4	.05	.05	.05	.05	.05	.05	.06	.06	.06	.06	.06	.06
5	.06	.06	.07	.07	.07	.07	.07	.07	.07	.07	.07	.07
6	.08	.08	.08	.08	.08	.08	.08	.08	.09	.09	.09	.09
7	.09	.09	.09	.09	.09	.10	.10	.10	.10	.10	.10	.10
8	.10	.10	.10	.11	.11	.11	.11	.11	.11	.12	.12	.12
9	.11	.12	.12	.12	.12	.12	.12	.13	.13	.13	.13	.13
10	.13	.13	.13	.13	.13	.14	.14	.14	.14	.14	.15	.15
11	.14	.14	.14	.15	.15	.15	.15	.15	.16	.16	.16	.16
12	.15	.15	.16	.16	.16	.16	.17	.17	.17	.17	.18	.18
13	.16	.17	.17	.17	.17	.18	.18	.18	.18	.19	.19	.19
14	.18	.18	.18	.19	.19	.19	.19	.20	.20	.20	.20	.21
15	.19	.19	.20	.20	.20	.20	.21	.21	.21	.22	.22	.22
16	.20	.21	.21	.21	.21	.22	.22	.22	.23	.23	.23	.24
17	.21	.22	.22	.22	.23	.23	.23	.24	.24	.24	.25	.25
18	.23	.23	.23	.24	.24	.25	.25	.25	.26	.26	.26	.27
19	.24	.24	.25	.25	.25	.26	.26	.27	.27	.27	.28	.28
20	.25	.26	.26	.26	.27	.27	.28	.28	.28	.29	.29	.30
21	.27	.27	.27	.28	.28	.29	.29	.29	.30	.30	.31	.31
22	.28	.28	.29	.29	.30	.30	.30	.31	.31	.32	.32	.33
23	.29	.30	.30	.30	.31	.31	.32	.32	.33	.33	.34	.34
24	.30	.31	.31	.32	.32	.33	.33	.34	.34	.35	.35	.35
25	.31	.32	.32	.33	.33	.34	.34	.35	.35	.36	.36	.37
26	.33	.33	.34	.34	.35	.35	.36	.36	.37	.37	.38	.38
27	.34	.35	.35	.36	.36	.37	.37	.38	.38	.39	.39	.40
28	.35	.36	.36	.37	.38	.38	.39	.39	.40	.40	.41	.41
29	.37	.37	.38	.38	.39	.39	.40	.41	.41	.42	.42	.43

Mts.												
1	.38	.39	.39	.40	.40	.41	.41	.42	.43	.43	.44	.44
2	.76	.77	.78	.79	.81	.82	.83	.84	.85	.86	.88	.89
3	1.14	1.16	1.17	1.19	1.21	1.23	1.24	1.26	1.28	1.30	1.31	1.33
4	1.52	1.54	1.56	1.59	1.61	1.63	1.66	1.68	1.70	1.73	1.75	1.77
5	1.90	1.93	1.95	1.98	2.01	2.04	2.07	2.10	2.13	2.16	2.19	2.22
6	2.28	2.31	2.35	2.38	2.42	2.45	2.49	2.52	2.56	2.59	2.63	2.66
7	2.65	2.70	2.74	2.78	2.82	2.86	2.90	2.94	2.98	3.02	3.06	3.10
8	3.03	3.08	3.13	3.17	3.22	3.27	3.31	3.36	3.41	3.45	3.50	3.55
9	3.41	3.47	3.52	3.57	3.62	3.68	3.73	3.78	3.83	3.89	3.94	3.99
10	3.79	3.85	3.91	3.97	4.03	4.08	4.14	4.20	4.26	4.32	4.38	4.43
11	4.17	4.24	4.30	4.36	4.43	4.49	4.56	4.62	4.68	4.75	4.81	4.88
1 Yr.	4.55	4.62	4.69	4.76	4.83	4.90	4.97	5.04	5.11	5.18	5.25	5.32

*Interest Table, at Seven Per Cent.*

TIME Days	\$77	\$78	\$79	\$80	\$81	\$82	\$83	\$84	\$85	\$86	\$87	\$88
1	.01	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02
2	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03
3	.04	.05	.05	.05	.05	.05	.05	.05	.05	.05	.05	.05
4	.06	.06	.06	.06	.06	.06	.06	.07	.07	.07	.07	.07
5	.07	.08	.08	.08	.08	.08	.08	.08	.08	.08	.08	.09
6	.09	.09	.09	.09	.09	.10	.10	.10	.10	.10	.10	.10
7	.10	.11	.11	.11	.11	.11	.11	.11	.12	.12	.12	.12
8	.12	.12	.12	.12	.13	.13	.13	.13	.13	.13	.14	.14
9	.13	.14	.14	.14	.14	.14	.15	.15	.15	.15	.15	.15
10	.15	.15	.15	.16	.16	.16	.16	.16	.17	.17	.17	.17
11	.16	.17	.17	.17	.17	.18	.18	.18	.18	.18	.19	.19
12	.18	.18	.18	.19	.19	.19	.19	.20	.20	.20	.20	.21
13	.19	.20	.20	.20	.20	.21	.21	.21	.21	.22	.22	.22
14	.21	.21	.22	.22	.22	.22	.23	.23	.23	.23	.24	.24
15	.22	.23	.23	.23	.24	.24	.24	.25	.25	.25	.25	.26
16	.24	.24	.25	.25	.25	.26	.26	.26	.26	.27	.27	.27
17	.25	.26	.26	.26	.27	.27	.27	.28	.28	.28	.29	.29
18	.27	.27	.28	.28	.28	.29	.29	.29	.30	.30	.30	.31
19	.28	.29	.29	.30	.30	.30	.31	.31	.31	.32	.32	.33
20	.30	.30	.31	.31	.32	.32	.32	.33	.33	.33	.34	.34
21	.31	.32	.32	.33	.33	.33	.34	.34	.35	.35	.36	.36
22	.33	.33	.34	.34	.35	.35	.36	.36	.36	.37	.37	.38
23	.34	.35	.35	.36	.36	.37	.37	.38	.38	.38	.39	.39
24	.36	.36	.37	.37	.38	.38	.39	.39	.40	.40	.41	.41
25	.37	.38	.38	.39	.39	.40	.40	.41	.41	.42	.42	.43
26	.39	.39	.40	.40	.41	.41	.42	.42	.43	.43	.44	.44
27	.40	.41	.41	.42	.43	.43	.44	.44	.45	.45	.46	.46
28	.42	.42	.43	.44	.44	.45	.45	.46	.46	.47	.47	.48
29	.43	.44	.44	.45	.46	.46	.47	.47	.48	.48	.49	.50

Mts.												
1	.45	.46	.46	.47	.47	.48	.48	.49	.50	.50	.51	.51
2	.90	.91	.92	.93	.95	.96	.97	.98	.99	1.00	1.02	1.03
3	1.35	1.37	1.38	1.40	1.42	1.44	1.45	1.47	1.49	1.51	1.52	1.54
4	1.80	1.82	1.84	1.87	1.89	1.91	1.94	1.96	1.98	2.01	2.03	2.05
5	2.25	2.28	2.30	2.33	2.36	2.39	2.42	2.45	2.48	2.51	2.54	2.57
6	2.70	2.73	2.77	2.80	2.84	2.87	2.91	2.94	2.98	3.01	3.05	3.08
7	3.14	3.19	3.23	3.27	3.31	3.35	3.39	3.43	3.47	3.51	3.55	3.59
8	3.59	3.64	3.69	3.73	3.78	3.83	3.87	3.92	3.97	4.01	4.06	4.11
9	4.04	4.10	4.15	4.20	4.25	4.31	4.36	4.41	4.46	4.52	4.57	4.62
10	4.49	4.55	4.61	4.67	4.73	4.78	4.84	4.90	4.96	5.02	5.08	5.13
11	4.94	5.01	5.07	5.13	5.20	5.26	5.33	5.39	5.45	5.52	5.58	5.65
1 Yr.	5.39	5.46	5.53	5.60	5.67	5.74	5.81	5.88	5.95	6.02	6.09	6.16

*Interest Table, at Seven Per Cent.*

TIME Days	\$89	\$90	\$91	\$92	\$93	\$94	\$95	\$96	\$97	\$98	\$99	\$100
1	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02
2	.03	.04	.04	.04	.04	.04	.04	.04	.04	.04	.04	.04
3	.05	.05	.05	.05	.05	.05	.06	.06	.06	.06	.06	.06
4	.07	.07	.07	.07	.07	.07	.07	.07	.08	.08	.08	.08
5	.09	.09	.09	.09	.09	.09	.09	.09	.09	.10	.10	.10
6	.10	.11	.11	.11	.11	.11	.11	.11	.11	.11	.12	.12
7	.12	.12	.12	.13	.13	.13	.13	.13	.13	.13	.13	.14
8	.14	.14	.14	.14	.14	.15	.15	.15	.15	.15	.15	.16
9	.16	.16	.16	.16	.16	.16	.17	.17	.17	.17	.17	.18
10	.17	.18	.18	.18	.18	.18	.18	.19	.19	.19	.19	.19
11	.19	.19	.19	.20	.20	.20	.20	.21	.21	.21	.21	.21
12	.21	.21	.21	.21	.22	.22	.22	.22	.23	.23	.23	.23
13	.22	.23	.23	.23	.24	.24	.24	.24	.25	.25	.25	.25
14	.24	.25	.25	.25	.25	.26	.26	.26	.26	.27	.27	.27
15	.26	.26	.27	.27	.27	.27	.28	.28	.28	.29	.29	.29
16	.28	.28	.28	.29	.29	.29	.30	.30	.30	.30	.31	.31
17	.29	.30	.30	.30	.31	.31	.31	.32	.32	.32	.33	.33
18	.31	.32	.32	.32	.33	.33	.33	.34	.34	.34	.35	.35
19	.33	.33	.34	.34	.34	.35	.35	.35	.36	.36	.37	.37
20	.35	.35	.35	.36	.36	.37	.37	.37	.38	.38	.39	.39
21	.36	.37	.37	.38	.38	.38	.39	.39	.40	.40	.40	.41
22	.38	.39	.39	.39	.40	.40	.41	.41	.41	.42	.42	.43
23	.40	.40	.41	.41	.42	.42	.42	.43	.43	.44	.44	.45
24	.42	.42	.42	.43	.43	.44	.44	.45	.45	.46	.46	.47
25	.43	.44	.44	.45	.45	.46	.46	.47	.47	.48	.48	.49
26	.45	.46	.46	.47	.47	.48	.48	.49	.49	.50	.50	.51
27	.47	.47	.48	.48	.49	.49	.50	.50	.51	.51	.52	.53
28	.48	.48	.50	.50	.51	.51	.52	.52	.53	.53	.54	.54
29	.50	.51	.51	.52	.52	.53	.54	.54	.55	.55	.56	.56

Mts.												
1	.52	.53	.53	.54	.54	.55	.55	.56	.57	.57	.58	.58
2	1.04	1.05	1.06	1.07	1.09	1.10	1.11	1.12	1.13	1.14	1.16	1.17
3	1.56	1.58	1.59	1.61	1.63	1.65	1.66	1.68	1.70	1.72	1.73	1.75
4	2.08	2.10	2.12	2.15	2.17	2.19	2.22	2.24	2.26	2.29	2.31	2.33
5	2.60	2.63	2.65	2.68	2.71	2.74	2.77	2.80	2.83	2.86	2.89	2.92
6	3.12	3.15	3.19	3.22	3.26	3.29	3.33	3.36	3.40	3.43	3.47	3.50
7	3.63	3.68	3.72	3.76	3.80	3.84	3.88	3.92	3.96	4.00	4.04	4.08
8	4.15	4.20	4.25	4.29	4.34	4.39	4.43	4.48	4.53	4.57	4.62	4.67
9	4.67	4.73	4.78	4.83	4.88	4.94	4.99	5.04	5.09	5.15	5.20	5.25
10	5.19	5.25	5.31	5.37	5.43	5.48	5.54	5.60	5.66	5.72	5.78	5.83
11	5.71	5.78	5.84	5.90	5.97	6.03	6.10	6.16	6.22	6.29	6.35	6.42
1 Yr.	6.23	6.30	6.37	6.44	6.51	6.58	6.65	6.72	6.79	6.86	6.93	7.00

*INTEREST TABLE, AT SEVEN PER CENT.*

TIME. Days.	\$200	\$300	\$400	\$500	\$600	\$700	\$800	\$900	\$1000
1	.04	.06	.08	.10	.12	.14	.16	.18	.19
2	.08	.12	.16	.19	.23	.27	.31	.35	.39
3	.12	.18	.23	.29	.35	.41	.47	.53	.58
4	.16	.23	.31	.39	.47	.54	.62	.70	.78
5	.20	.29	.39	.49	.58	.68	.78	.88	.97
6	.23	.35	.47	.58	.70	.82	.93	1.05	1.17
7	.27	.41	.55	.68	.82	.95	1.09	1.23	1.36
8	.31	.47	.62	.78	.93	1.09	1.24	1.40	1.56
9	.35	.53	.70	.88	1.05	1.23	1.40	1.58	1.75
10	.39	.58	.78	.97	1.17	1.36	1.56	1.75	1.94
11	.43	.64	.86	1.07	1.28	1.50	1.71	1.93	2.14
12	.47	.70	.93	1.17	1.40	1.63	1.87	2.10	2.33
13	.51	.76	1.01	1.26	1.52	1.77	2.02	2.28	2.53
14	.55	.82	1.09	1.36	1.63	1.91	2.18	2.45	2.72
15	.58	.88	1.17	1.46	1.75	2.04	2.33	2.63	2.92
16	.62	.93	1.25	1.56	1.87	2.18	2.49	2.80	3.11
17	.66	.99	1.32	1.65	1.98	2.31	2.64	2.98	3.31
18	.70	1.05	1.40	1.75	2.10	2.45	2.80	3.15	3.50
19	.74	1.11	1.48	1.85	2.22	2.59	2.96	3.33	3.69
20	.78	1.17	1.55	1.94	2.33	2.72	3.11	3.50	3.89
21	.82	1.23	1.63	2.04	2.45	2.86	3.27	3.68	4.08
22	.86	1.28	1.71	2.14	2.57	2.99	3.42	3.85	4.28
23	.90	1.34	1.78	2.24	2.68	3.13	3.58	4.03	4.47
24	.93	1.40	1.87	2.33	2.80	3.27	3.73	4.20	4.67
25	.97	1.46	1.95	2.43	2.92	3.40	3.89	4.38	4.86
26	1.01	1.52	2.02	2.53	3.03	3.54	4.04	4.55	5.06
27	1.05	1.58	2.10	2.63	3.15	3.68	4.20	4.73	5.25
28	1.09	1.63	2.18	2.72	3.27	3.81	4.36	4.90	5.45
29	1.13	1.69	2.25	2.82	3.38	3.95	4.51	5.08	5.64
Months.	1	1.17	1.75	2.33	2.92	3.50	4.08	4.67	5.83
	2	2.33	3.50	4.67	5.83	7.00	8.17	9.33	11.67
	3	3.50	5.25	7.00	8.75	10.50	12.25	14.00	17.50
	4	4.67	7.00	9.38	11.67	14.00	16.33	18.67	23.33
	5	5.83	8.75	11.67	14.58	17.50	20.42	23.33	29.17
	6	7.00	10.50	14.00	17.50	21.00	24.50	28.00	35.00
	7	8.17	12.25	16.33	20.42	24.50	28.58	32.67	40.83
	8	9.33	14.00	18.67	23.33	28.00	32.67	37.33	46.67
	9	10.50	15.75	21.00	26.25	31.50	36.75	42.00	52.50
	10	11.67	17.50	23.33	29.17	35.00	40.83	46.67	58.33
	11	12.83	19.25	25.67	32.08	38.50	44.92	51.33	64.17
1 Yr.	14.00	21.00	28.00	35.00	42.00	49.00	56.00	63.00	70.00

TABLE XIX.

Girth in Inches.	Inches Square. Parts of Inches.	$\begin{array}{r} 36 \\ 2 \\ 9 \overline{) 72} \\ 8 \end{array}$	$\begin{array}{r} 60 \\ 2 \\ 9 \overline{) 120} \\ 13 \frac{2}{3} \end{array}$	Average Diameter in Inches.	Inches Square. Parts of Inches.	$\begin{array}{r} 12 \\ 7 \\ 10 \overline{) 84} \\ 8 \frac{4}{10} \end{array}$	$\begin{array}{r} 30 \\ 7 \\ 10 \overline{) 210} \\ 21 \end{array}$
36	8. 0	<p>To find the side of a square piece of timber, by the girth, that may be sawed from a round piece, multiply the girth by 2 and divide by 9; the quotient will be the side of the square,—near enough for common purposes.</p>			8. $\frac{4}{10}$	<p>To find the square of a piece of timber, by the diameter, that may be sawed from a round log, multiply the diameter by 7 and divide by 10; the quotient will be the side of the square,—near enough for common purposes. To get the average diameter in inches, measure the log at each end and add the diameters together and divide by 2, and you will have the average diameter in inches.</p>	
38	8. 0				9. $\frac{1}{10}$		
40	8. 0				9. $\frac{1}{10}$		
42	9. 0				10. $\frac{5}{10}$		
44	9. 0				11. $\frac{2}{10}$		
46	10. 0				12. 0		
48	10. 0				12. $\frac{6}{10}$		
50	11. 0				13. $\frac{3}{10}$		
52	11. 0				14. 0		
54	12. 0				14. $\frac{7}{10}$		
56	12. 0				15. $\frac{4}{10}$		
58	12. 0				16. $\frac{1}{10}$		
60	13. 0				16. $\frac{8}{10}$		
62	13. 0				17. $\frac{5}{10}$		
64	14. 0				18. $\frac{2}{10}$		
66	14. 0				18. $\frac{9}{10}$		
68	15. 0				19. $\frac{6}{10}$		
70	15. 0				20. $\frac{3}{10}$		
72	16. 0				21. 0		
74	16. 0				21. $\frac{8}{10}$		
76	16. 0				22. $\frac{4}{10}$		
78	17. 0				23. $\frac{1}{10}$		
80	17. 0				23. $\frac{8}{10}$		
82	18. 0				24. $\frac{5}{10}$		
84	18. 0				25. $\frac{2}{10}$		
86	19. 0				25. $\frac{9}{10}$		
88	19. 0				26. $\frac{6}{10}$		
90	20. 0				27. $\frac{3}{10}$		



# BUSINESS FORMS.

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## *Common Promissory Note.*

\$100. LOCK HAVEN, PA., *July 1, 1871.*

Sixty days after date I promise to pay A. B. C., or order, the sum of one hundred dollars, value received without defalcation. D. E. F.

---

## *Common Note with Bail.*

\$140  $\frac{25}{100}$ . LOCK HAVEN, PA., *July 1, 1871.*

Six months after date we, or either of us, promise to pay A. B., or order, the sum of one hundred and forty  $\frac{25}{100}$  dollars, value received without defalcation.

C. D.

E. F. G.

---

## *Common Note with Seal.*

\$250. LOCK HAVEN, PA., *July 5, 1871.*

One year after date I promise to pay to A. B., or order, the sum of two hundred and fifty dollars, value received without defalcation.

Witness my hand and seal, the day above mentioned.

Witness Present, }  
E. F. G. }

C. D.




## *Common Exemption Note.*

\$500. LOCK HAVEN, PA., *July 15, 1871.*

Two years after date I promise to pay to the order of A. B. five hundred dollars, with interest from date, without defalcation, value received. Hereby waiving all laws exempting property from levy and sale on execution. C. D. E.

## NOTICE.

 If a seal is added to a Promissory Note, it is not barred by the Statute of Limitations, which prevents the recovery of a simple contract debt unless suit be brought or a fresh promise of payment be made within six years. But a Promissory Note with a seal attached, or a bond or single bill, cannot be transferred by a simple endorsement, but only by assignment.

A *Judgment Note* differs from a common Promissory Note in having a seal appended, with a power of attorney to confess judgment. The maker, by the power of attorney, authorizes the payee or his assigns, to have judgment entered at any time against said maker, which is a lien upon his lands; and, authorizes the issuing of an execution, whenever said note shall become due and remains unpaid, without resort to a suit to obtain judgment by the ordinary course of law.

A note may be transferred either before or after it is due. When taken after it is due, the assignee takes it subject to all the set-offs and equitable rights between the original parties, and must bring suit in the name of the assignor.

---

*Common Judgment Note.*

\$210  $\frac{50}{100}$ .

LOCK HAVEN, PA., July 10, 1871.

One year after date I (or we) promise to pay A, B., or order, the sum of two hundred and ten  $\frac{50}{100}$  dollars, value received, with interest from date, (or any other time agreed upon), and.....do hereby authorize and empower any attorney of record in Pennsylv-

nia, or elsewhere, to appear for.....and confess judgment against.....and in favor of the plaintiff above named for the above sum, with costs of suit, release of errors, and stay of execution until after the maturity of this Note.

Witness.....hand and seal the.....day of.....  
A. D., 1871.

Witness Present, }  
G. H. }

C. D. 

E. F. 

*Judgment Exemption Note.*

\$500. LOCK HAVEN, PA., July 20, 1871.

One year after date I (or we) promise to pay A. B., or order, the sum of five hundred dollars, value received, with interest from date, and.....do hereby authorize and empower any attorney of record in Pennsylvania, or elsewhere, to appear for.....and confess judgment against.....and in favor of the plaintiff above named for the above sum, with costs of suit, release of errors, and waiving all laws exempting property from levy and sale on execution, the right of inquisition and stay of execution.

Witness.....hand and seal the.....day of.....  
A. D., 1871.

Witness Present, }  
E. F. G. }

C. D. 



*Judgment Exemption Note.*

\$300. LOCK HAVEN, PA., July 25th, 1871.

Six months after date.....promise to pay to A. B. C., or order, three hundred dollars, value received, waiving the benefit of all laws exempting property from levy and sale on execution, and wages of labor and salaries from execution attachment; waiving the right to stay of execution and inquisition on real estate, and.....do hereby authorize any attorney of any Court of Record in Pennsylvania, or elsewhere, to appear for.....and confess judgment against.....for the above stated sum, with costs of suit, release of errors, &c. E. F. G.

*Receipt in Full.*

Received, Lock Haven, July 1, 1871, of A. B., the sum of one hundred and fifteen  $\frac{25}{100}$  dollars, in full of all demands up to date.

\$115  $\frac{25}{100}$ .

C. D. E.

*Receipt on Account.*

Received, Lock Haven, July 10, 1871, of A. B., the sum of one hundred and fifty dollars, on account.

\$150.

C. D. & Co.

*Form of Draft.*

\$120  $\frac{50}{100}$ .

LOCK HAVEN, PA., July 1, 1871.

At sight (or any length of time stated) Pay to the order of C. D., one hundred and twenty  $\frac{50}{100}$  dollars, value received, which place to account of

To A. B.,  
Lock Haven, Pa. }

C. D.

*Form of Check.*

LOCK HAVEN, PA., *July 15, 1871.*

Lock Haven National Bank, Pay to A. B. & Co.,  
or order, one hundred and fifty  $\frac{50}{100}$  dollars.  
\$150  $\frac{50}{100}$ . C. D. E.

---

*Form of Notice from a Landlord to a Tenant  
to Remove at expiration of Lease.*

LOCK HAVEN, PA., *January 1, 1872.*

A. B. C., Sir: Being in possession of a certain house and lot of ground with the appurtenances, belonging to me, situate in the City of Lock Haven, which was demised to you by me, for the term of one year, which said term will expire and terminate on the 1st day of April, 1872, I hereby notify you that it is my desire to have again and repossess the said premises, and I do hereby demand and request you to leave the same.

Yours, &c., D. E. F.

---

*Form of Notice from Landlord to Tenant, to  
Remove in Fifteen (or Thirty) Days,  
for Non-payment of Rent.*

LOCK HAVEN, *July 10, 1871.*

\*A. B. C., Sir: You are hereby notified to quit the premises, situate (here describe the same) which I have leased to you, reserving rent, "or pay and satisfy the rent due and in arrears," being..... dollars.....cents, which amount was due on the 1st day of July, A. D. 1871, and is hereby demanded,

---

\*Such Notice must be accompanied with a demand for the amount of rent claimed.

(you having neglected or refused to pay the amount so reserved as often as the same has grown due, according to the terms of our contract, and there being no goods on the premises adequate to pay the rent so reserved, except such articles as are exempt from levy and sale by the laws of the Commonwealth) within fifteen\* (or thirty days according to the time of year) days from the date hereof, or I shall proceed against you as the law directs.

Yours, &c., C. D. E.

---

*Petition for Laying Out a Road, Public or Private.*

To the Honorable, the Judges of the Court of Quarter Sessions of the Peace, in and for Clinton County:

The petition of the undersigned citizens of the township of.....in said county, respectfully sheweth: That your petitioners labor under great inconvenience for want of a public road, beginning at.....until it intersects.....at.....your petitioners therefore respectfully pray your Honors to appoint proper persons to view and lay out the same, according to law, and they will ever pray.

N. B.—The beginning and ending of the road should only be mentioned.

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*Petition for Review of a Road.*

To the Honorable, the Judges of the Court of Quarter Sessions of the Peace, in and for Clinton County:

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\* If between the 1st of April and the 1st of September, Fifteen Days Notice to be given; and, Thirty Days Notice, if between the 1st of September and the 1st of April. The person who serves this Notice should keep an exact copy of the original, and note on the back of it the date of service.



The petition of the undersigned citizens of the township of.....in said county, respectfully sheweth: That a road has lately been laid out by order of the Court, from.....to.....which road, if confirmed by the Court, will be very injurious to your petitioners and burdensome to the inhabitants of the township through which the same runs. Your petitioners, therefore, respectfully pray your Honors to appoint proper persons to review the said road, and report thereon according to law, and they will ever pray.

---

*Report of Viewers in Favor of Laying Out a Road.*

To the Honorable the Judges of the Court of Quarter Sessions of the Peace, in and for Clinton County:

The undersigned persons appointed by the within order of Court, to view and lay out the road therein mentioned,—all being present, and first severally sworn according to law,—do report; that, in pursuance of said order, we have viewed and laid out, and do return for public (or private) use, the following road, to wit: Beginning (here describe the course with reference to the improvements through which it passes) a plot or draft whereof is hereto annexed.

Witness our hands this.....day of.....1871.

A. B. )  
C. D. } Viewers.  
E. F. )

*Report of Viewers Against Laying Out a Road.*

To the Honorable, the Judges of the Court of Quarter Sessions of the Peace, in and for Clinton County:

The undersigned persons appointed by the within order of Court, to view and lay out the road therein mentioned,—all being present, and first severally sworn according to law,—do report: that, in pursuance of said order, we have viewed the place where the road mentioned is requested, and are of the opinion that there is no occasion to lay out said road.

Witness our hands, this.....day of.....1871.

A. B. }  
C. D. } Viewers.  
E. F. }

---

*Petition for Vacating a Road.*

To the Honorable, the Judges of the Court of Quarter Sessions of the Peace, in and for Clinton County:

The petition of the undersigned citizens of the township of.....in said county, respectfully sheweth: That a road has been laid out from.....to.....which road your petitioners conceive is now become useless, inconvenient, and burdensome to the inhabitants of said township. Your petitioners, therefore, respectfully pray your Honors that said road may be vacated according to law. And they will ever pray.

*Report of Viewers in Favor of, or Against  
Vacating a Road.*

To the Honorable, the Judges of the Court of Quarter Sessions of the Peace, in and for Clinton County:

We, the undersigned persons appointed by the within order of Court, to view the road therein mentioned,—all being present, and first severally sworn according to law,—do report: that, in pursuance of said order, we have viewed the said road, (if in favor of vacating said road, report as follows:) and that we are of the opinion that the same has become use-  
useless, inconvenient, and burdensome, and ought, therefore, to be vacated; (or, if opposed to vacating said road, report:) and that we are of opinion that the same has not become useless, inconvenient, and burdensome, and that there is no cause for vacating the same.

Witness our hands, this ..... day of ..... A. D. 1871.

A. B. }  
C. D. } Viewers.  
E. F. }

*Form of a Bill of Goods.*

LOCK HAVEN, PA., Sept. 1, 1871.

Messrs. A. B. C. & Co., Bought of E. F. G. & Co.

10 yds. Calico,	@ 15 . . . . .	\$1.50
15 " Muslin,	@ 18 . . . . .	2.70
20 lbs. Coffee,	@ 25 . . . . .	5.00
10 " Sugar,	@ 15 . . . . .	1.50
		<hr/>
		\$10.70

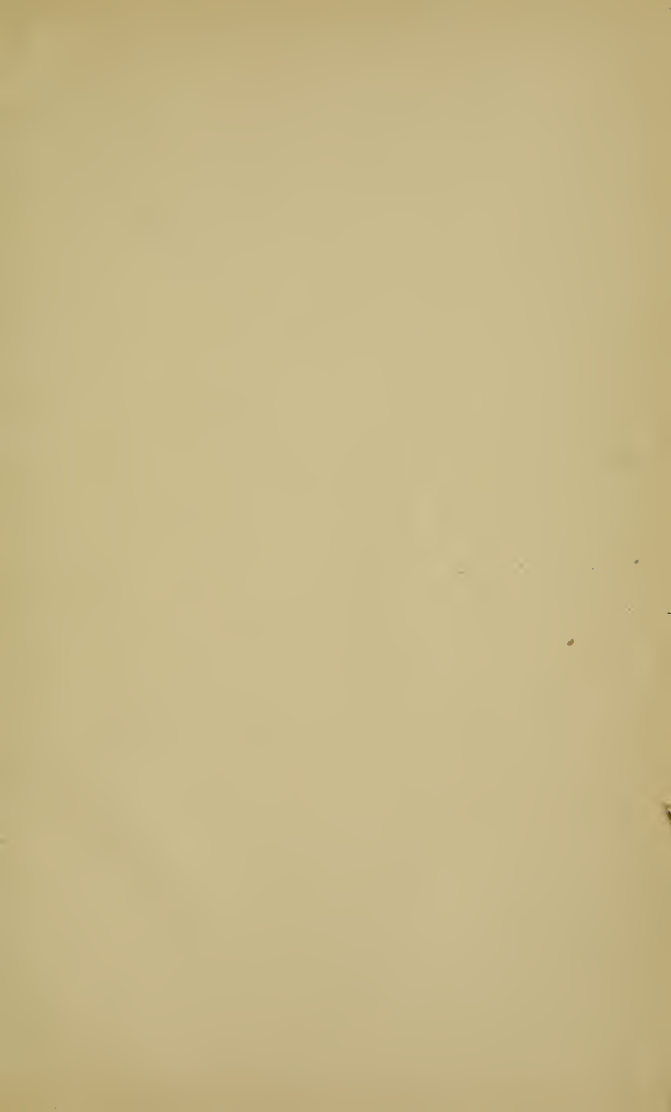
Received Payment, E. F. G. & Co.















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